



GAINTA INDUSTRIES LTD





20 Years of Experience in Product Development

GAINTA, a privately owned Taiwan company, is one of the largest enclosure manufacturers in Asia, and is the market leader in thermoplastic enclosures used for protecting electrical and electronic components operating in hostile environments. GAINTA enclosures are manufactured in modern factories located in Taiwan

Whatever your application, the GAINTA enclosure family features the widest range of high quality enclosures for the packaging and protection of electrical and electronic components and systems. Enclosures can be delivered in standard off the shelf configurations or customized to your exact specifications. .

Continuous Product Development

The GAINTA enclosure range features over 1000 different standard enclosures made of polycarbonate, ABS, aluminium die-casting & extrusion. GAINTA is the industry leader in developing both new products and new technologies for molding thermoplastic enclosures. At GAINTA, we consider molding technology an essential part of product development.

But more important than technical leadership, is the GAINTA commitment to understanding the needs of its customers. All our products are designed in close cooperation with our customers. We use input from our global customer base to produce new enclosure ranges, useful accessories and on-going product improvements and enhancements.



ALUMINIUM BOX

HQ0XX SERIES*Page 05***IP67, DIE-CAST ALUMINIUM BOXES**

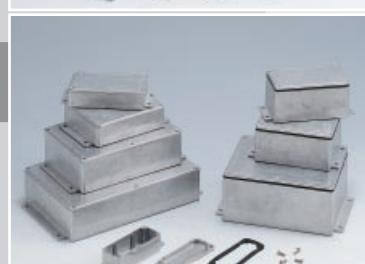
- HQ0XX series
- HQ0XXS series (with rubber seal)
- HQ0XXEMS series (with rubber seal & EMI shielded seal)

**BXXX SERIES***Page 29***IP66, DIE-CAST ALUMINIUM BOXES**

- B0XX series
- BSXX series (with adhesive gasket)

**BXXXMF SERIES***Page 33***IP66, DIE-CAST ALUMINIUM BOXES**

- B0XXMF series
- BSXXMF series (with adhesive gasket)

**G1XX SERIES***Page 37***IP65, SEALED DIE-CAST ALUMINIUM BOXES**

- G1XX series

IP67, SEALED DIE-CAST ALUMINIUM BOXES

- G1XX-IP67 series

**G1XXMF SERIES***Page 51***IP65, SEALED DIE-CAST ALUMINIUM BOXES**

- G1XXMF series (with wall mounting flange)

IP67, SEALED DIE-CAST ALUMINIUM BOXES

- G1XXMF-IP67 series (with wall mounting flange)

**G0XXX SERIES***Page 65***MULTI-PURPOSE, RFI/EMI SHIELDED DIE-CAST ALUMINIUM BOXES**

- G0XXX series

**G0XXXF SERIES***Page 67***MULTI-PURPOSE, RFI/EMI SHIELDED DIE-CAST ALUMINIUM BOXES**

- G0XXXF series (with wall mounting flange)



CONTENTS

PLASTIC BOX



G2XX/G3XX SERIES

Page 69

IP65, SEALED POLYCARBONATE AND ABS ENCLOSURES

- G2XX series: Light grey (ex: G201, G201C)
- G3XX series: Dark grey (ex: G302)



G2XXMF/G3XXMF SERIES

Page 84

IP65, SEALED POLYCARBONATE AND ABS ENCLOSURES WITH MOUNTING FLANGE IN THE BASE

- G2XXMF series: Light grey (ex: G250MF, G250CMF)
- G3XXMF series: Dark grey (ex: G362MF)



G21XX/G31XX SERIES

Page 94

IP65, SEALED POLYCARBONATE AND ABS PLASTIC ENCLOSURES

- G21XX series: Light grey (ex: G2119)
- G31XX series: Dark grey (ex: G3121)



DCXXX SERIES

Page 101

IP65, DUAL COMPARTMENT ENCLOSURE

- DCXXXCUL series: Light grey with transparent lid (ex: DC001CUL)
- DCXXXCBU series: Light grey with transparent blue lid (ex: DC003CBU)
- DCXXXLGNO series: Light grey with grey lid (ex: DC005LGNO)
- DCXXXCBUNO series: Light grey with transparent blue lid (ex: DC009CBUNO)



NUBXXXXXX SERIES

Page 114

NEW UTILITY BOX

- NUBXXXXXXBK: Black (ex: NUB503522BK)
- NUBXXXXXXWH: White (ex: NUB1057020WH)
- NUBXXXXXXOR: Orange (ex: NUB808023OR)
- NUBXXXXXXRD: Red (ex: NUB505027RD)

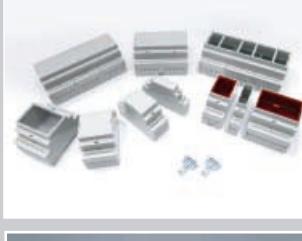


PL29XXX SERIES

Page 124

PLASTIC UTILITY ENCLOSURE

- PL29XXXBK series: Black (ex: PL2943BK)
- PL29XXXWH series: White (ex: PL29104WH)



DIN SERIES

Page 129

DINRAIL / MODULE BOX



G4XX SERIES

Page 143

PLASTIC MOLDED ENCLOSURES

- G430~G459 series: Light grey (ex: G430)
- G401~G425 series: Dark grey (ex: G401)

G5XX SERIES**Page 151****HAND-HELD ELECTRONIC ENCLOSURE**

- TYPE A: Grey and black (ex: G500G)
- TYPE B: Grey and black (ex: G512G-2\$)

**G7XX SERIES****Page 162****DESKTOP PLASTIC CASES**

- TYPE A: Light grey and dark grey (ex: G706~G758)
- TYPE B: Light grey and dark grey (ex: G760~G771)
- TYPE C: Light grey (ex: G777)

**G8XX SERIES****Page 179****MEDIUM SIZE PLASTIC T-CASE**

- TYPE A: Black and grey (ex: G828G(S))
- TYPE B: Black and grey (ex: G858G(S))
- TYPE C: Black and grey (ex: G808G)

**G9XX SERIES****Page 190****HAND-HELD ELECTRONIC ENCLOSURE**

- TYPE A: Black and grey (ex: G909G)
- TYPE B: Black and grey (ex: G939G)
- TYPE C: Black and light grey (ex: G959G)
- TYPE D: Black and light grey (ex: G968G(0))
- TYPE E: Black and light grey (ex: G999G(0))

**G10XX SERIES****Page 197****UTILITY BOX & SUPER ECON-PLASTIC PLASTIC PROJECT CASES**

- TYPE A: Black (ex: G1011)
- TYPE B: Black (ex: G1020B/B1020BF)
- TYPE C: Black (ex: G1031B)
- TYPE D: Black and grey (ex: G1068G)

**G11XX SERIES****Page 210****SLOPPED HAND-HELD AND KEYBOARD ENCLOSURES**

- TYPE A: Black and grey (ex: G1168G)
- TYPE B: Black and grey (ex: G1183G)

**G12XX SERIES****Page 214****PLASTIC PROJECT BOXES (ex: G1200G)****G13XX SERIES****Page 218****CONTROLLER ENCLOSURES**

- TYPE A: Light grey (ex: G1389G)
- TYPE B: Black and grey (ex: G1390B)



CONTENTS

PLASTIC BOX

G14XX SERIES **Page 220**

KEY FOB ENCLOSURE

G15XX SERIES **Page 222**

PRO-DESK ENCLOSURE

- TYPE A: (ex: G1500)
- TYPE B: (ex: G1502)
- TYPE C: (ex: G1507)

G16XX SERIES **Page 227**

TILT CARRYING HANDLES

G17XX SERIES **Page 228**

19" RACK MOUNT PLASTIC ENCLOSURES

G18XX SERIES **Page 230**

SNAP IN PLASTIC CASES

G19XX SERIES **Page 233**

UTILITY BOX & USB BOX

POTTING BOX **Page 236**

GH SERIES **Page 238**

SNAP-IN PLASTIC BOX WITH HINGED COVER

OTHERS

ALUDIN SERIES **Page 240**

EXTRUDED ALUMINIUM HOODS
WITH THE DIN RAIL TYPE OF PLASTIC PANELS

- TYPE A: (ex: ALUD1MGS-PBK-V0)
- TYPE B: (ex: ALUD1MG-PLG-V0)

GSN SERIES **Page 248**

BATTERY HOLDER & CLIP

PG SERIES **Page 250**

CABLE GLANDS

RF SERIES **Page 251**

RUBBER FEET



G19XX SERIES



GH SERIES



PG SERIES



G17XX SERIES



GSN SERIES



G18XX SERIES



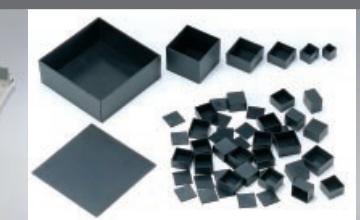
ALUDIN SERIES



G14XX SERIES



G15XX SERIES



POTTING BOX



G16XX SERIES

IP67 DIE-CAST ALUMINIUM BOXES WITH DUAL CONDUCTIVE AND CONTINUOUS SILICON GASKET



PRODUCT INFORMATION

- Material: aluminium alloy ADC-12 to Japan (JIS)
- Wall mounting holes and fixing screws are outside the sealing area for real sealing Protection.
- M4 countersunk stainless screws are included to seize the cover and the body.
- With continuous silicon gasket to meet IP67 rating of waterproof and dust.
- With conductive gasket for perfect EMI shielding protection.
- Die-casting mounting bracket (ALMF-001) is available.

LIGHT GREY(LG), BLACK(BK) OF POWDER COATED ALUMINIUM ENCLOSURES ARE AVAILABLE FOR ORDERING .

JUST NEED TO ADD THE COLOR CODE AFTER THE ITEM NO.

Ex: HQ001SLG , HQ003SBK , HQ005SLG ,HQ007SBK

HQ0XX SERIES



PRODUCT INFORMATION

- **MATERIAL:** Aluminium alloy ADC-12 to Japan (JIS)
- Wall mounting holes and fixing screws are outside the sealing area for real sealing Protection.
- M4 countersunk stainless screws are included to seize the cover and the body.

LIGHT GREY(LG), BLACK(BK) OF POWDER COATED ALUMINIUM ENCLOSURES ARE AVAILABLE FOR ORDERING. JUST NEED TO ADD THE COLOR CODE AFTER THE ITEM NO.
Ex: HQ001LG , HQ003BK

Example HQ001BK



Content HQ001



ITEM No.	EXTERNAL DIMENSION(mm)
HQ001	96 x 96 x 45
HQ003	96 x 96 x 67
HQ005	192 x 96 x 45
HQ007	192 x 96 x 67
HQ009	274 x 173 x 66
HQ011	274 x 173 x 100
HQ013	150 x 100 x 50
HQ015	150 x 100 x 75
HQ016	152 x 112 x 30
HQ017	200 x 150 x 50
HQ019	200 x 150 x 75
HQ021	200 x 150 x 28
HQ023	152 x 112 x 55
HQ025	162 x 162 x 55
HQ027	162 x 162 x 80
HQ029	202 x 142 x 55
HQ031	202 x 142 x 80
HQ033	262 x 182 x 55
HQ035	262 x 182 x 90

HQ0XXS SERIES



PRODUCT INFORMATION

- Material: aluminium alloy ADC-12 to Japan (JIS)
- Wall mounting holes and fixing screws are outside the sealing area for real sealing Protection.
- M4 countersunk stainless screws are included to seize the cover and the body.
- With continuous silicon gasket to meet IP67 rating of waterproof and dust.

LIGHT GREY(LG), BLACK(BK) OF POWDER COATED ALUMINIUM ENCLOSURES ARE AVAILABLE FOR ORDERING .

JUST NEED TO ADD THE COLOR CODE AFTER THE ITEM NO.
Ex: HQ005SLG ,HQ007SBK

Content HQ007S



ITEM NO.	EXTERNAL DIMENSION(mm)
HQ001S	96 x 96 x 45
HQ003S	96 x 96 x 67
HQ005S	192 x 96 x 45
HQ007S	192 x 96 x 67
HQ009S	274 x 173 x 66
HQ011S	274 x 173 x 100
HQ013S	150 x 100 x 50
HQ015S	150 x 100 x 75
HQ016S	200 x 150 x 28
HQ017S	200 x 150 x 50
HQ019S	200 x 150 x 75
HQ021S	152 x 112 x 30
HQ023S	152 x 112 x 55
HQ025S	162 x 162 x 55
HQ027S	162 x 162 x 80
HQ029S	202 x 142 x 55
HQ031S	202 x 142 x 80
HQ033S	262 x 182 x 55
HQ035S	262 x 182 x 90

HQ0XXEMS SERIES



PRODUCT INFORMATION

- Material: Aluminium alloy ADC-12 to Japan (JIS)
- Wall mounting holes and fixing screws are outside the sealing area for real sealing Protection.
- M4 countersunk stainless screws are included to seize the cover and the body.
- With continuous silicon gasket to meet IP67 rating of waterproof and dust.
- With conductive gasket for perfect EMI shielding protection.

LIGHT GREY(LG), BLACK(BK) OF POWDER COATED ALUMINIUM ENCLOSURES ARE AVAILABLE FOR ORDERING .

JUST NEED TO ADD THE COLOR CODE AFTER THE ITEM NO.

Ex: HQ001EMSLG , HQ003EMSBK

Example



ITEM No.	EXTERNAL DIMENSION(mm)
HQ001EMS	96 x 96 x 45
HQ003EMS	96 x 96 x 67
HQ005EMS	192 x 96 x 45
HQ007EMS	192 x 96 x 67
HQ009EMS	274 x 173 x 66
HQ011EMS	274 x 173 x 100
HQ013EMS	150 x 100 x 50
HQ015EMS	150 x 100 x 75
HQ017EMS	200 x 150 x 50
HQ019EMS	200 x 150 x 75
HQ016EMS	200 x 150 x 28
HQ021EMS	152 x 112 x 30
HQ023EMS	152 x 112 x 55
HQ025EMS	162 x 162 x 55
HQ027EMS	162 x 162 x 80
HQ029EMS	202 x 142 x 55
HQ031EMS	202 x 142 x 80
HQ033EMS	262 x 182 x 55
HQ035EMS	262 x 182 x 90

Wall Mounting Bracket

For HQ0XX & G1XX series of aluminium boxes use



Content

ALMF-001 (1 set) includes

4 pcs of mounting brackets & 4 pcs of M5 X10 mm self-tapping screws.

Black & Light grey color of wall mounting bracket are available for ordering.

Ex : ALMF-001BK , ALMF-001LG



Example

ITEM No.	EXTERNAL DIMENSION(mm)
ALMF-001	53 X 20 X 9



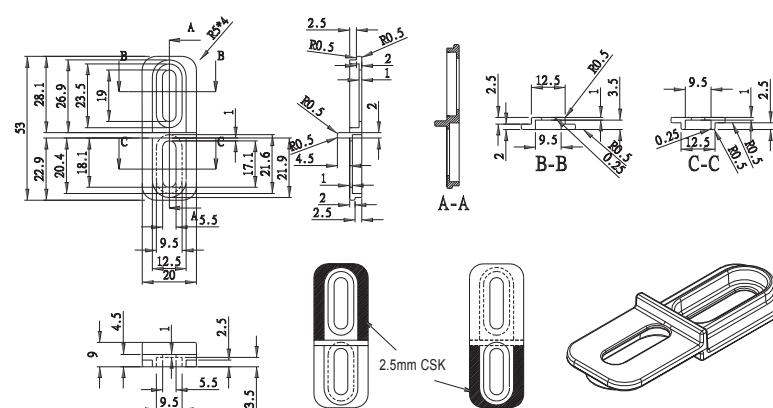
G103
with ALMF-001



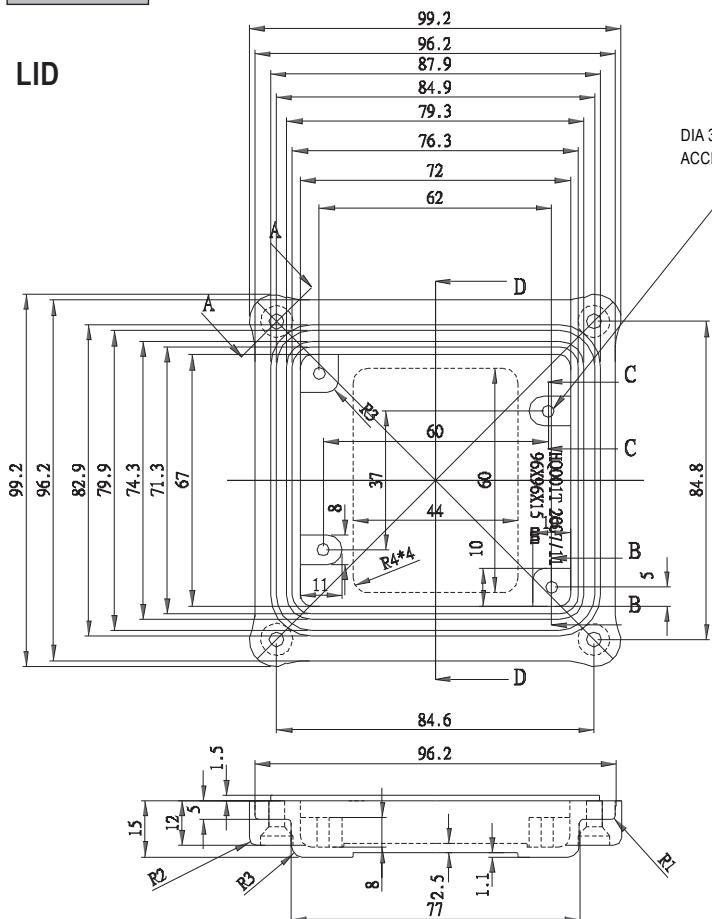
HQ003LG
with ALMF-001LG
(Light grey)



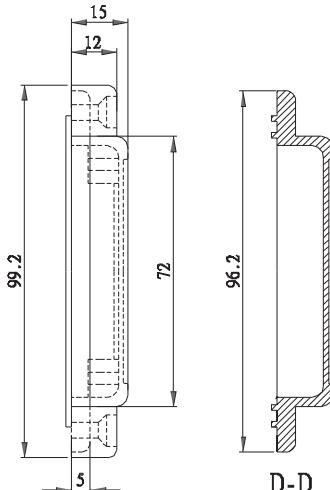
G103BK
with ALMF-001BK
(Black)



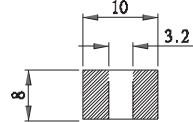
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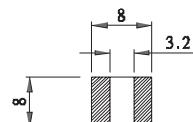
DIA 3.2mm * 8mm DEEP (4) PLACES
ACCEPT M3.5 * 6mm GROUNDING SCREW



DETAIL A-A



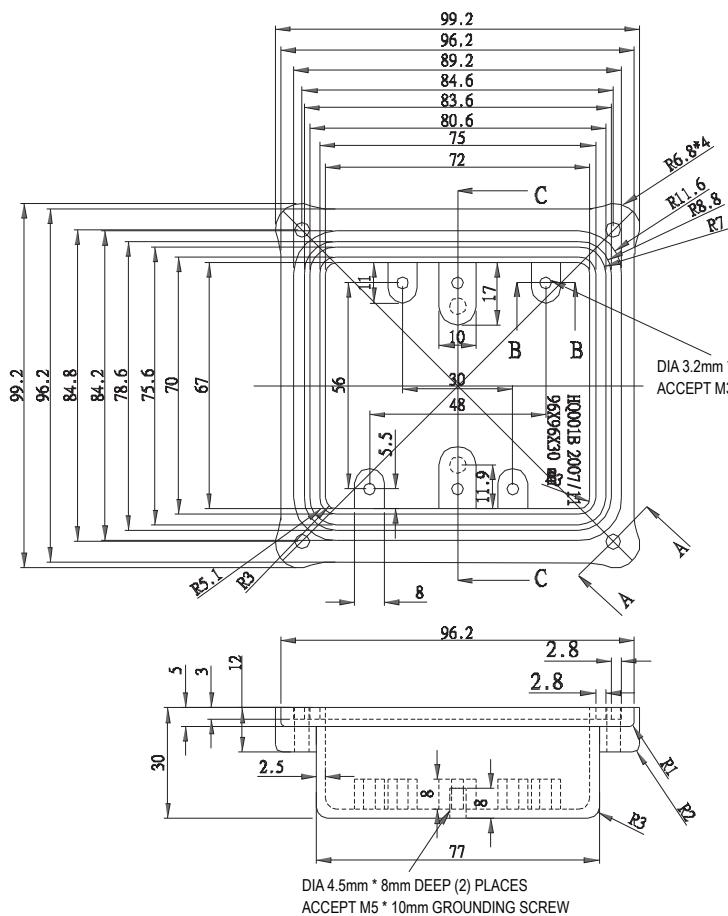
DETAIL B-B



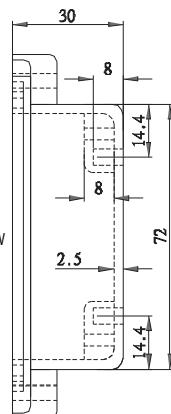
DETAIL C-C

- 1) FOUR(4) M4 x 20mm (0.787") LG. SCREWS
 SUPPLIED FOR ASSEMBLY OF COVER TO BODY.
 2) ALL HOLE DIAMETERS HAVE ± 0.10 mm TOLERANCE
 ALL OTHER DIMENSIONS HAVE ± 0.30 mm TOLERANCE

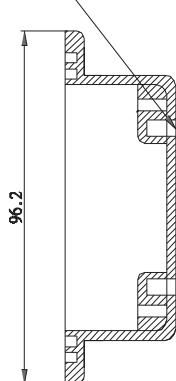
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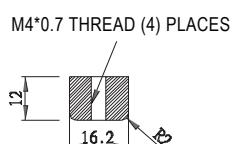
DIA 3.2mm * 8mm DEEP (6) PLACES
ACCEPT M3.5 * 6mm GROUNDING SCREW



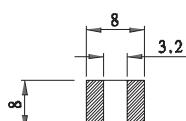
DIA 4.5mm * 8mm DEEP (2) PLACES
ACCEPT M5 * 10mm GROUNDING SCREW



6-6

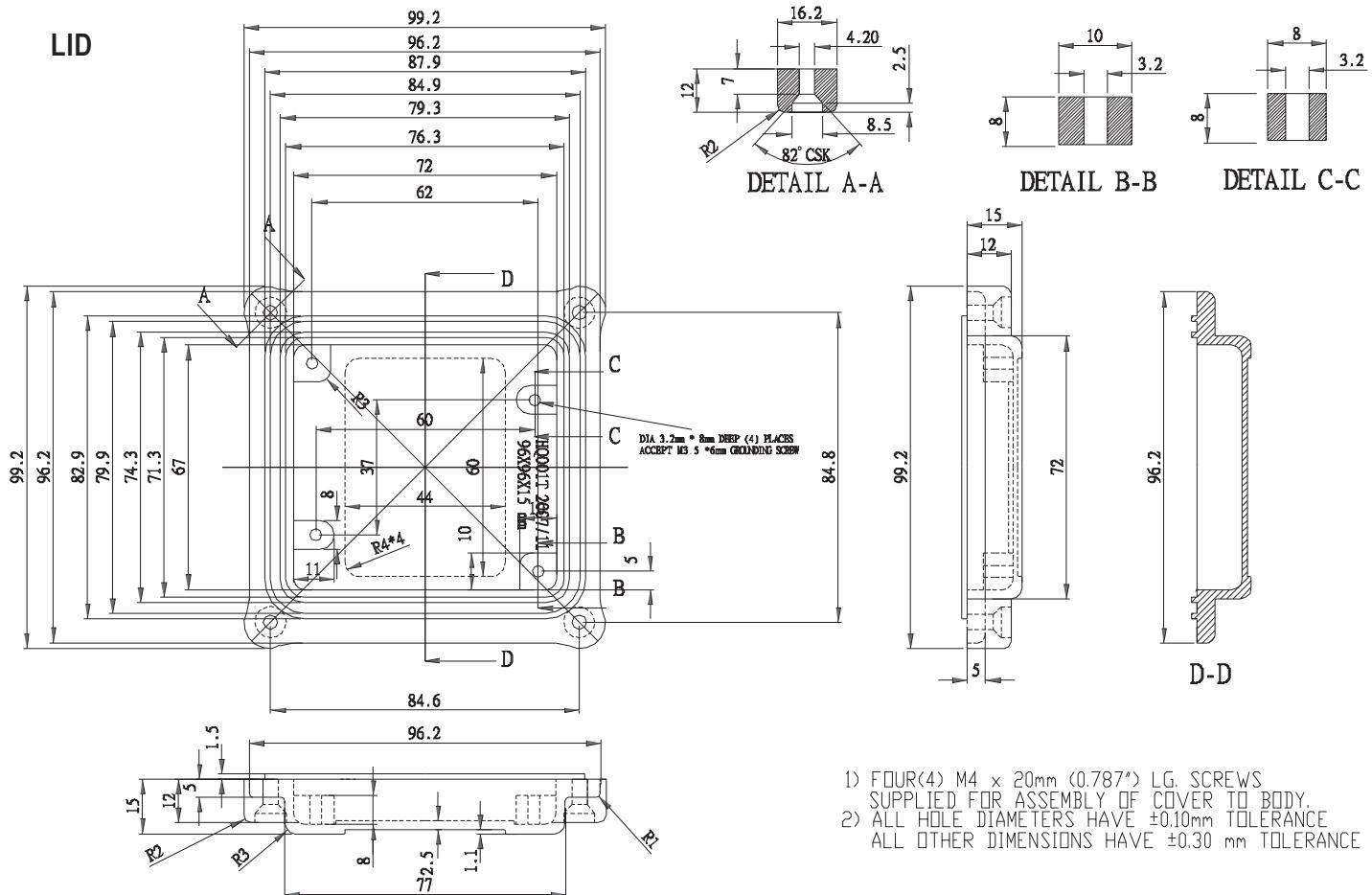


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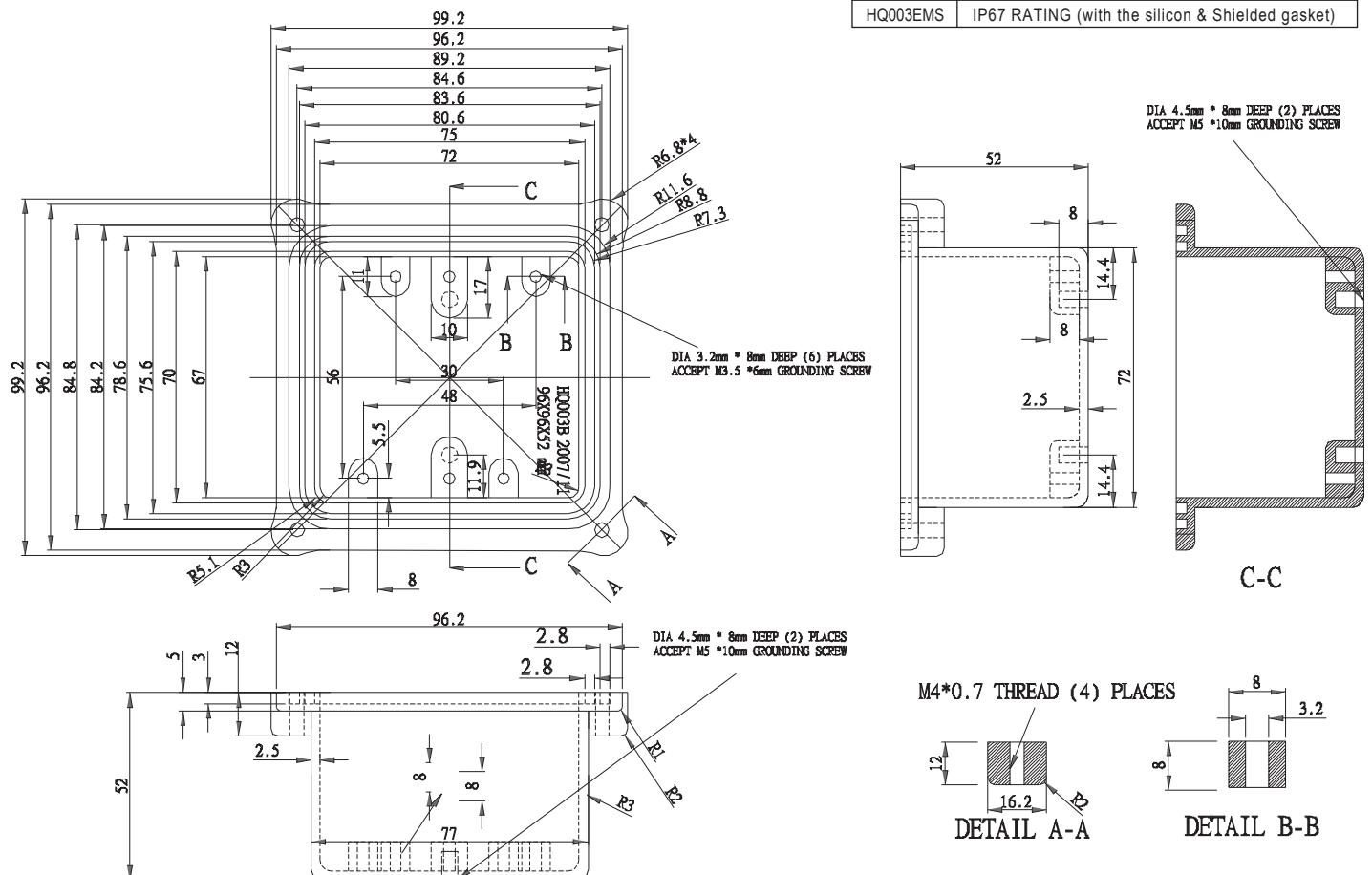


DETAIL B-B

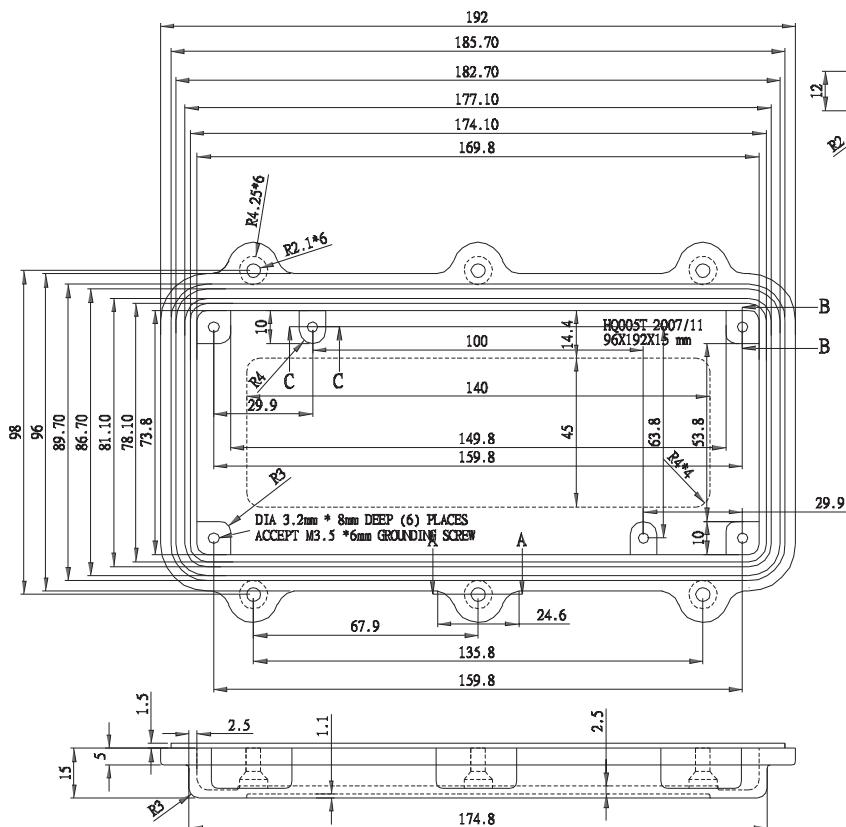
HQ003



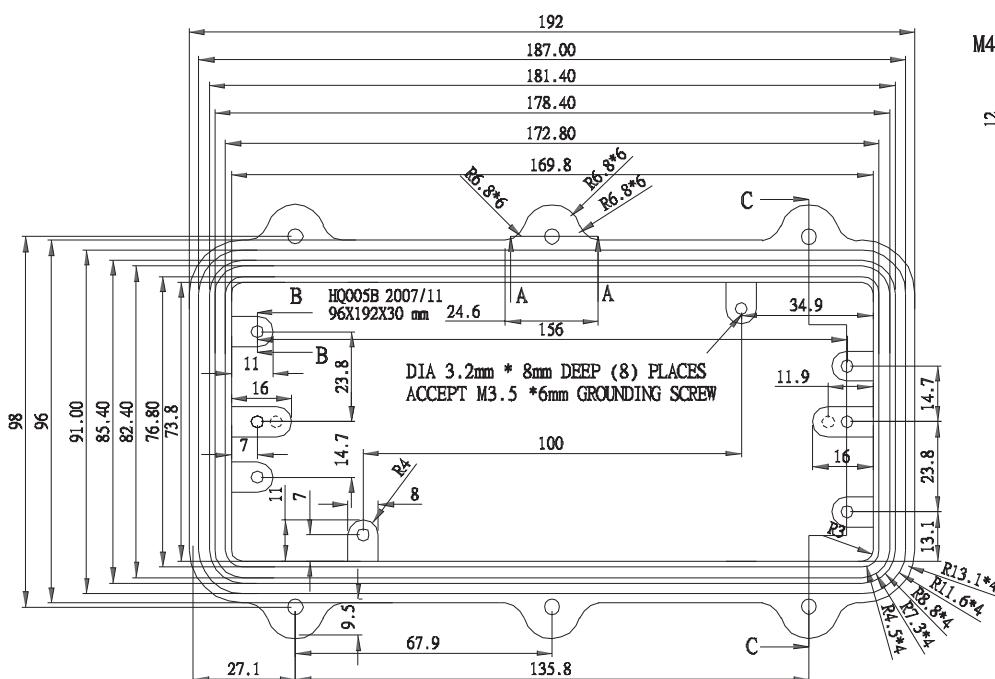
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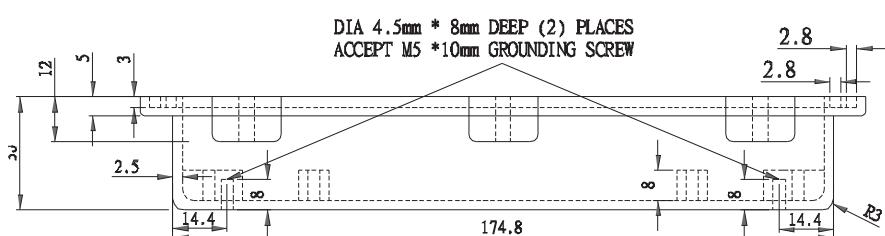
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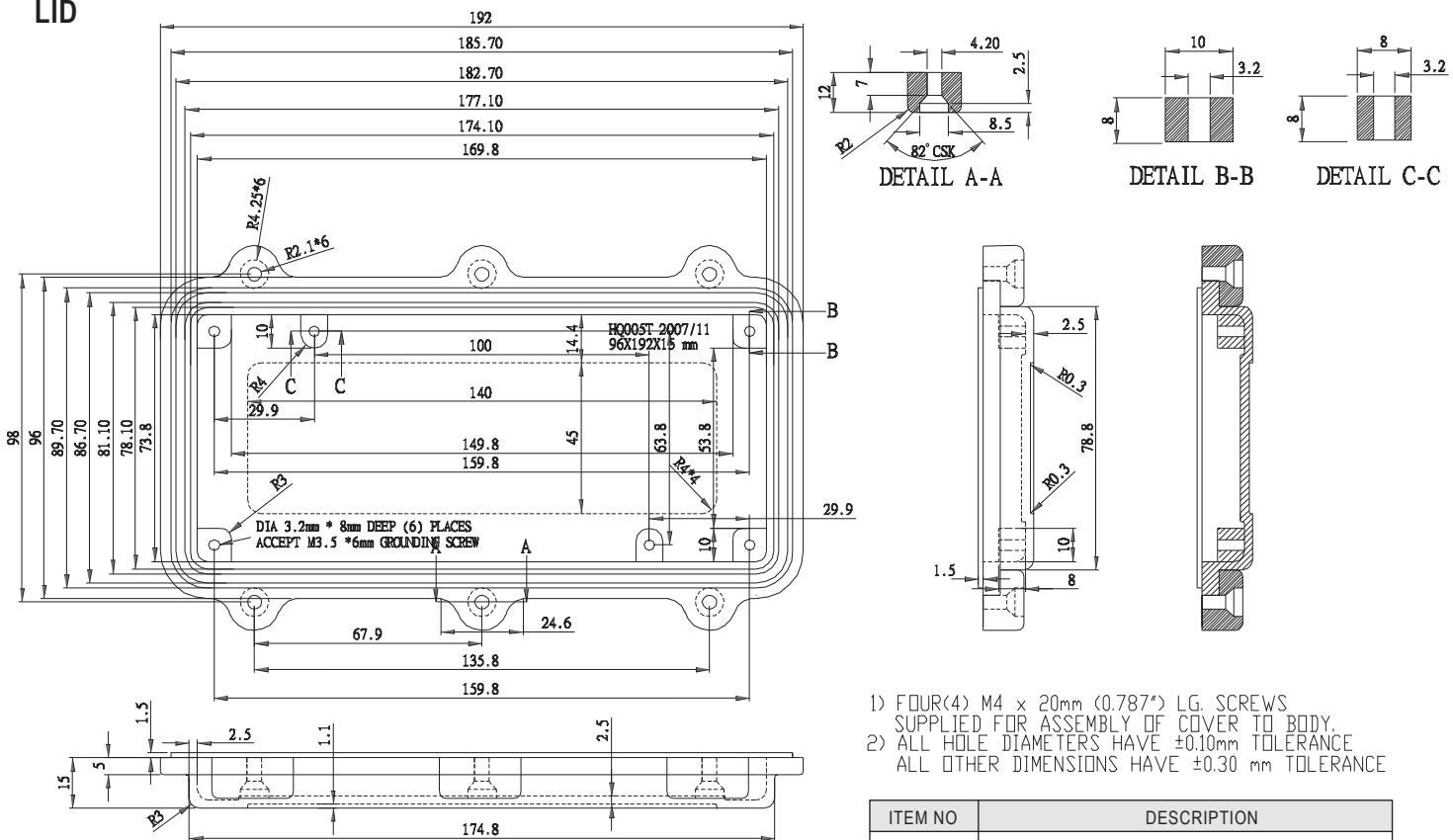
DIA 4.5mm * 8mm DEEP (2) PLACES
ACCEPT M5 *10mm GROUNDING SCREW



- 1) FOUR(4) M4 x 20mm (0.787") LG. SCREWS
SUPPLIED FOR ASSEMBLY OF COVER TO BODY.
- 2) ALL HOLE DIAMETERS HAVE ± 0.10 mm TOLERANCE
ALL OTHER DIMENSIONS HAVE ± 0.30 mm TOLERANCE

ITEM NO	DESCRIPTION
HQ005	Natural Aluminium Box (without the gasket)
HQ005S	IP67 RATING (with the silicon gasket)
HQ005EMS	IP67 RATING (with the silicon & Shielded gasket)

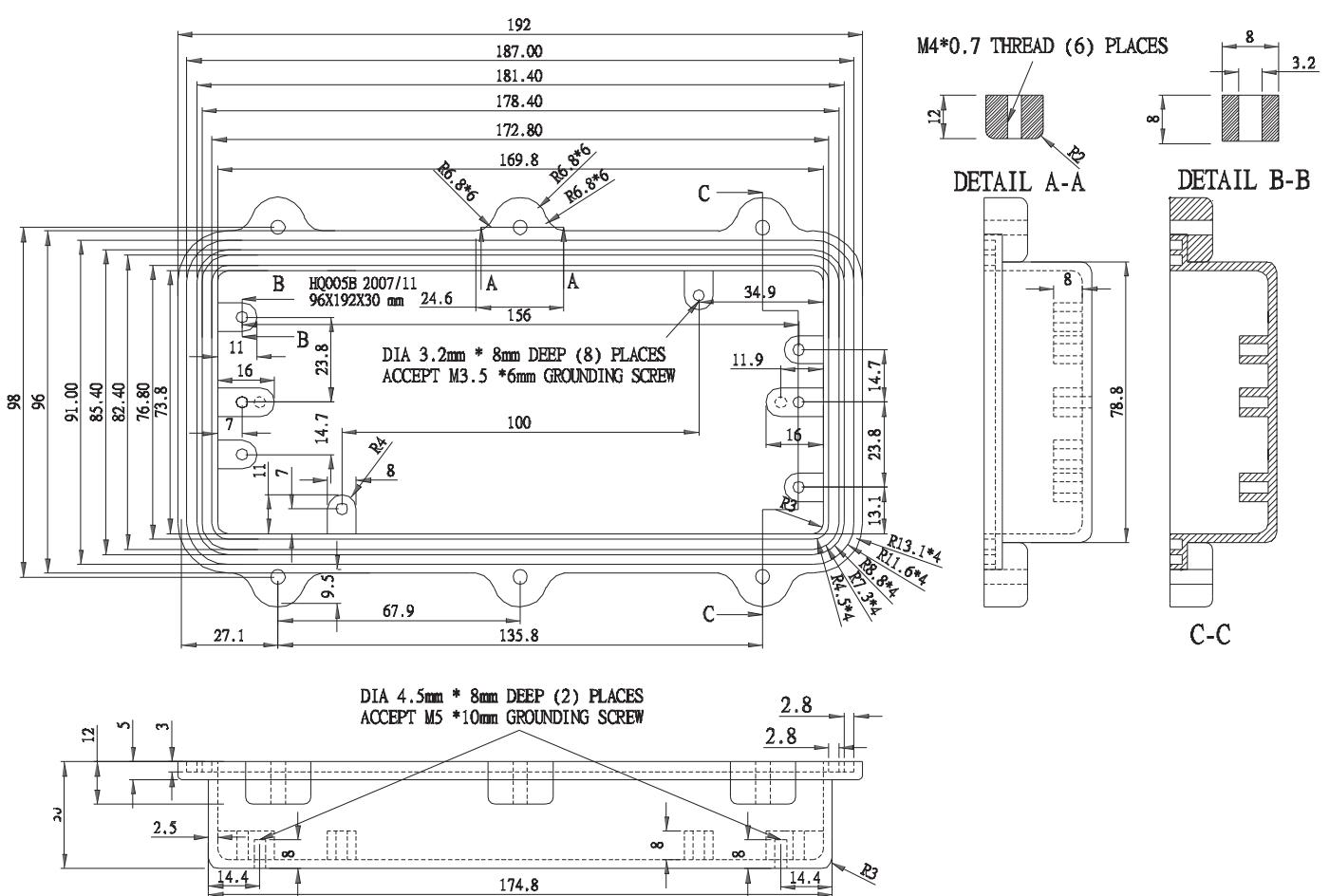
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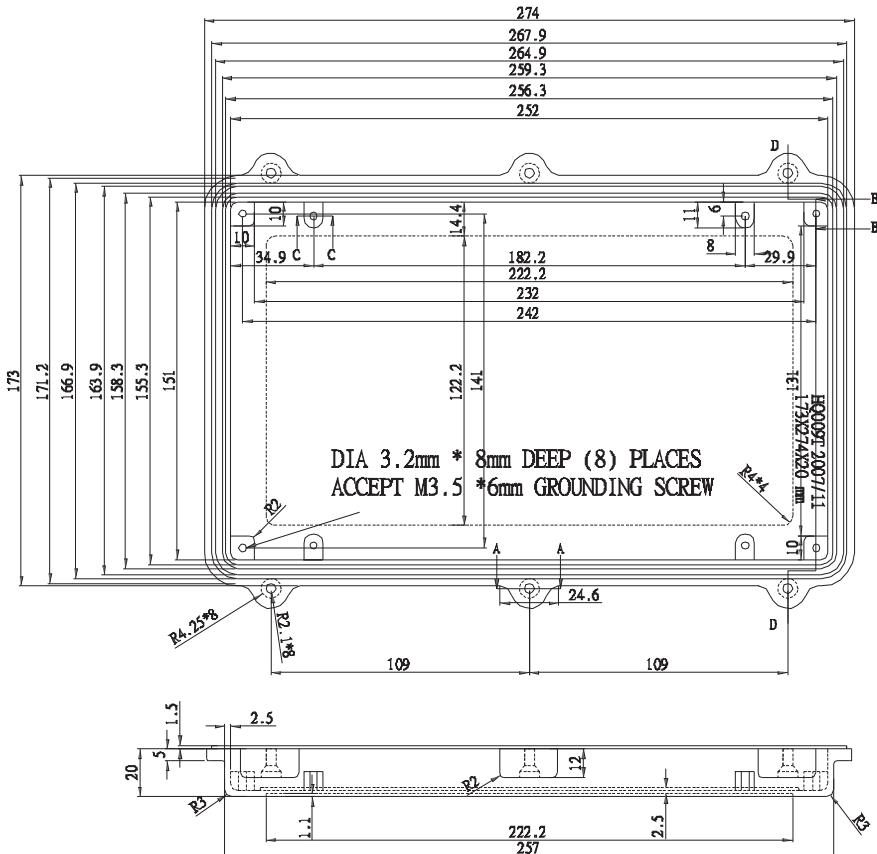
- 1) FOUR(4) M4 x 20mm (0.787") LG. SCREWS SUPPLIED FOR ASSEMBLY OF COVER TO BODY.
- 2) ALL HOLE DIAMETERS HAVE ± 0.10 mm TOLERANCE
ALL OTHER DIMENSIONS HAVE ± 0.30 mm TOLERANCE

ITEM NO	DESCRIPTION
HQ005	Natural Aluminium Box (without the gasket)
HQ005S	IP67 RATING (with the silicon gasket)
HQ005EMS	IP67 RATING (with the silicon & Shielded gasket)

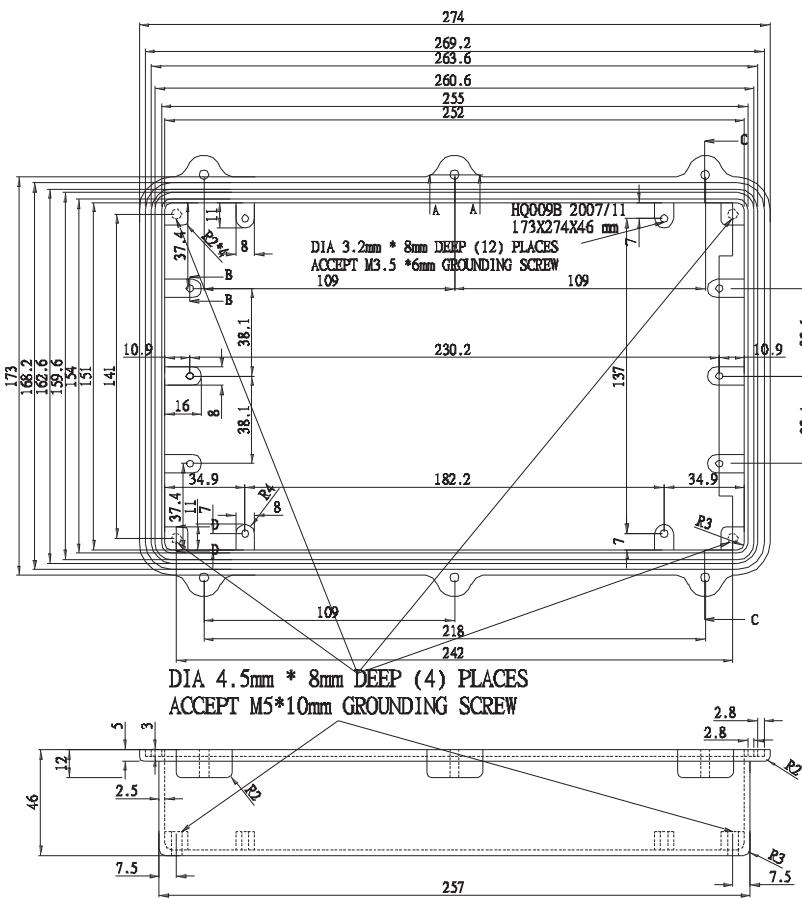
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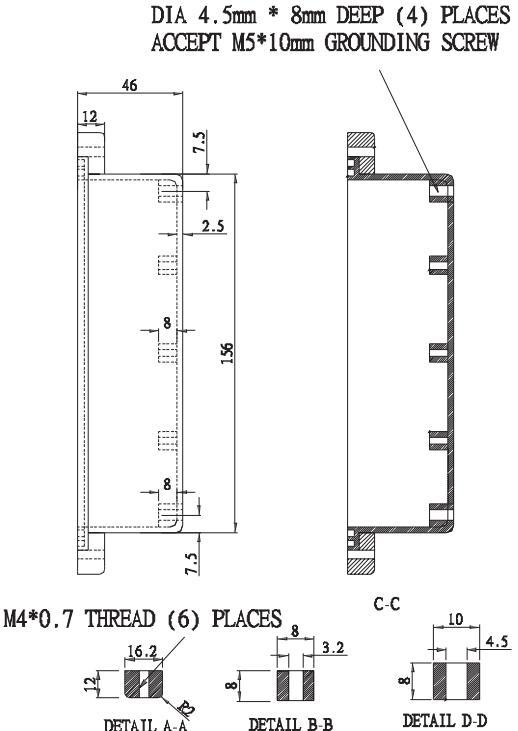


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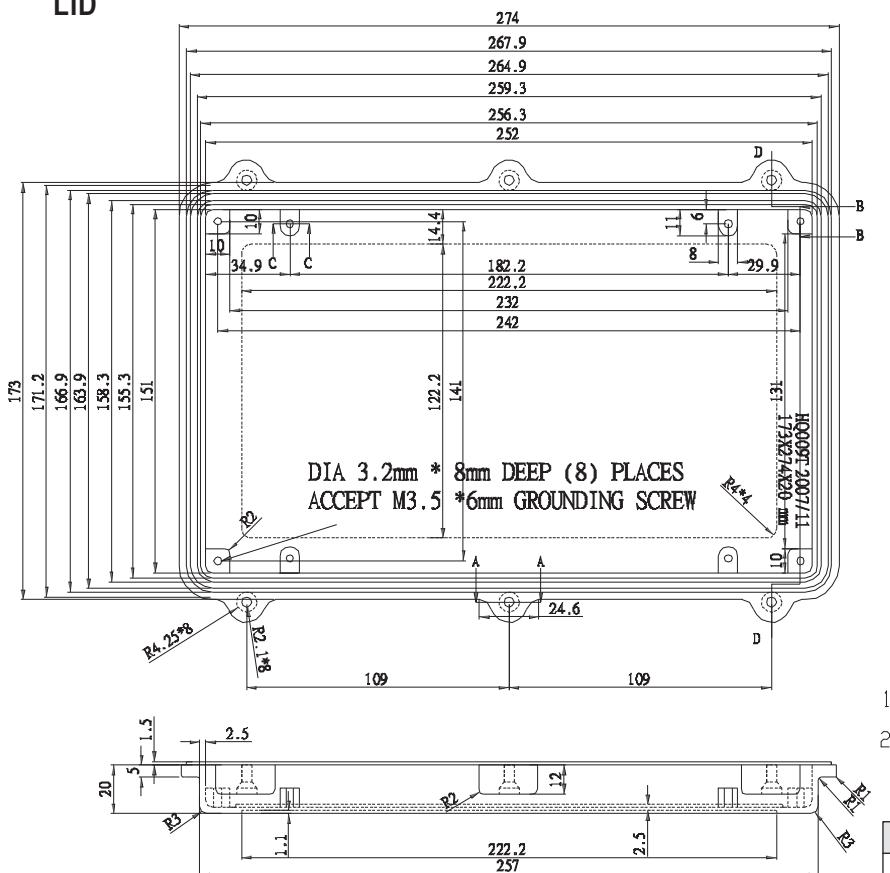


- 1) FOUR(4) M4 x 20mm (.0787") LG. SCREWS
SUPPLIED FOR ASSEMBLY OF COVER TO BODY.
- 2) ALL HOLE DIAMETERS HAVE ± 0.10 mm TOLERANCE
ALL OTHER DIMENSIONS HAVE ± 0.30 mm TOLERANCE

ITEM NO	DESCRIPTION
HQ009	Natural Aluminium Box (without the gasket)
HQ009S	IP67 RATING (with the silicon gasket)
HQ009EMS	IP67 RATING (with the silicon & Shielded gasket)



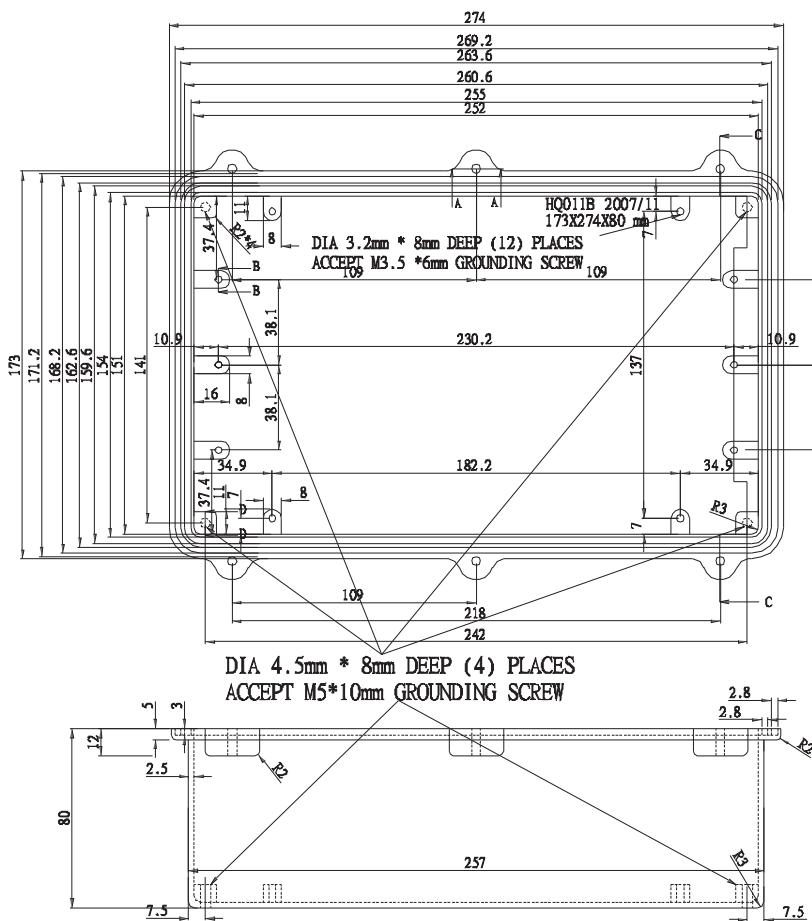
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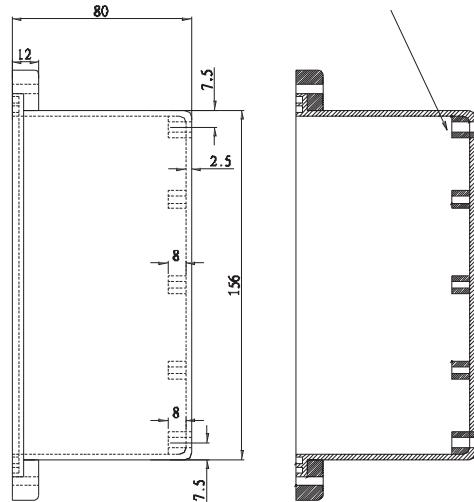
- 1) FOUR(4) M4 x 20mm (0.787") LG. SCREWS
SUPPLIED FOR ASSEMBLY OF COVER TO BODY.
- 2) ALL HOLE DIAMETERS HAVE ± 0.10 mm TOLERANCE
ALL OTHER DIMENSIONS HAVE ± 0.30 mm TOLERANCE

ITEM NO	DESCRIPTION
HQ011	Natural Aluminium Box (without the gasket)
HQ011S	IP67 RATING (with the silicon gasket)
HQ011EMS	IP67 RATING (with the silicon & Shielded gasket)

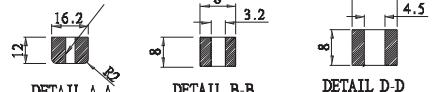
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DIA 4.5mm * 8mm DEEP (4) PLACES
ACCEPT M5*10mm GROUNDING SCREW



M4*0.7 THREAD (6) PLACES



C-C

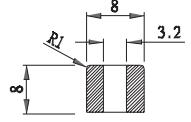
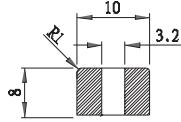
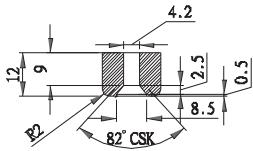
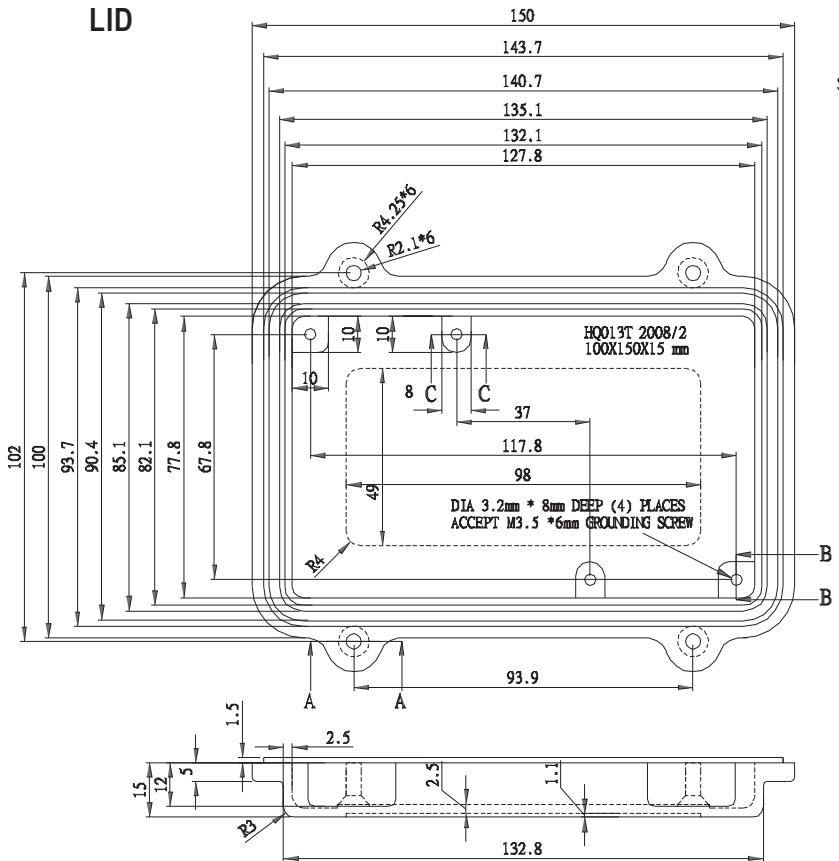
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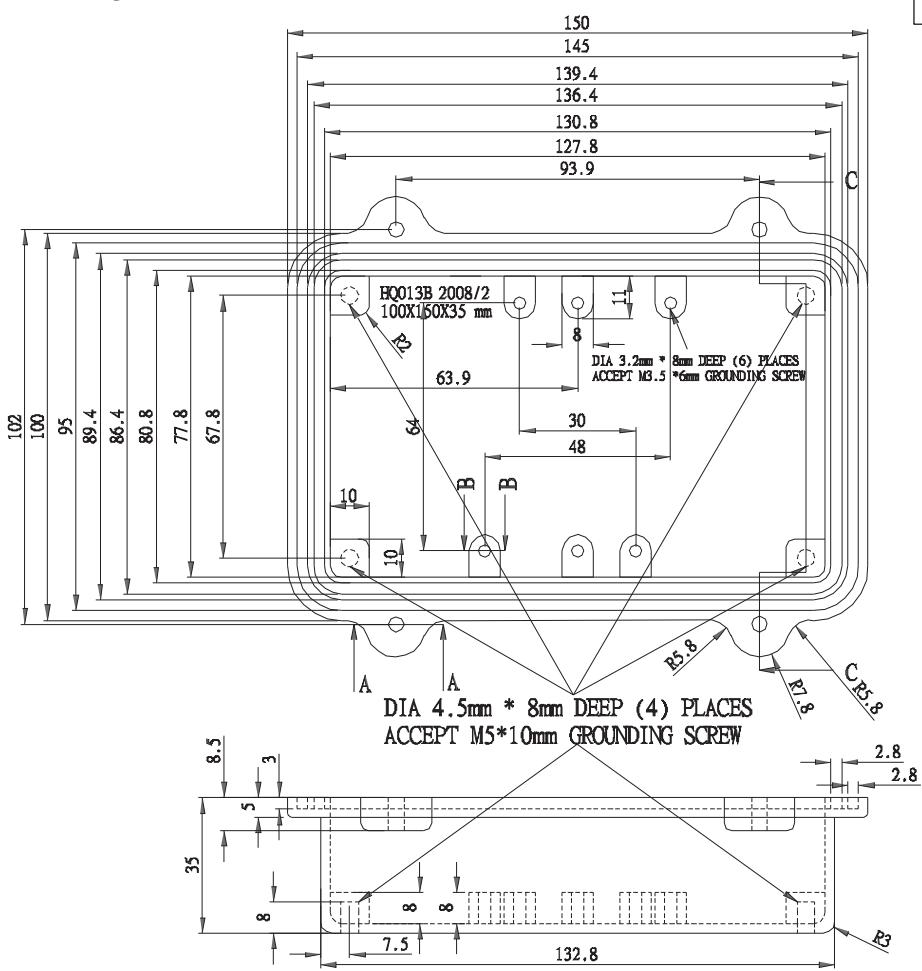
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DETAIL D-D

LID

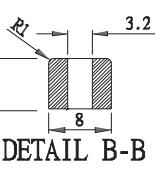
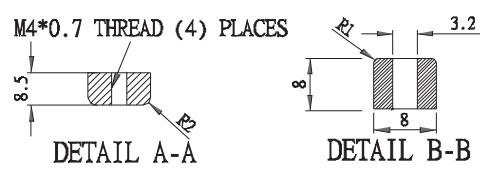
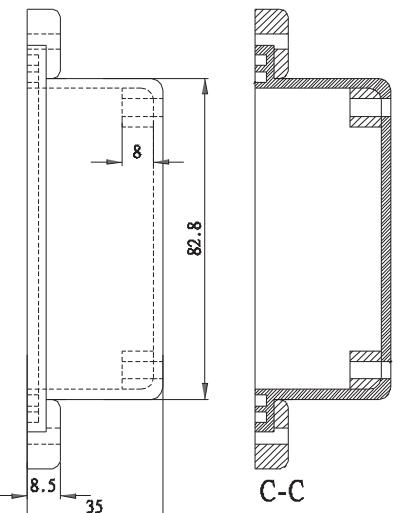


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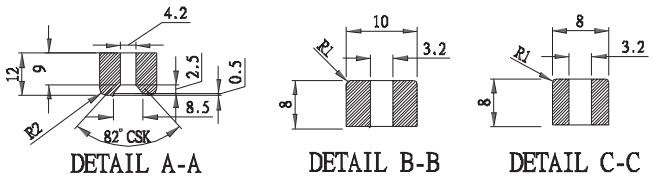
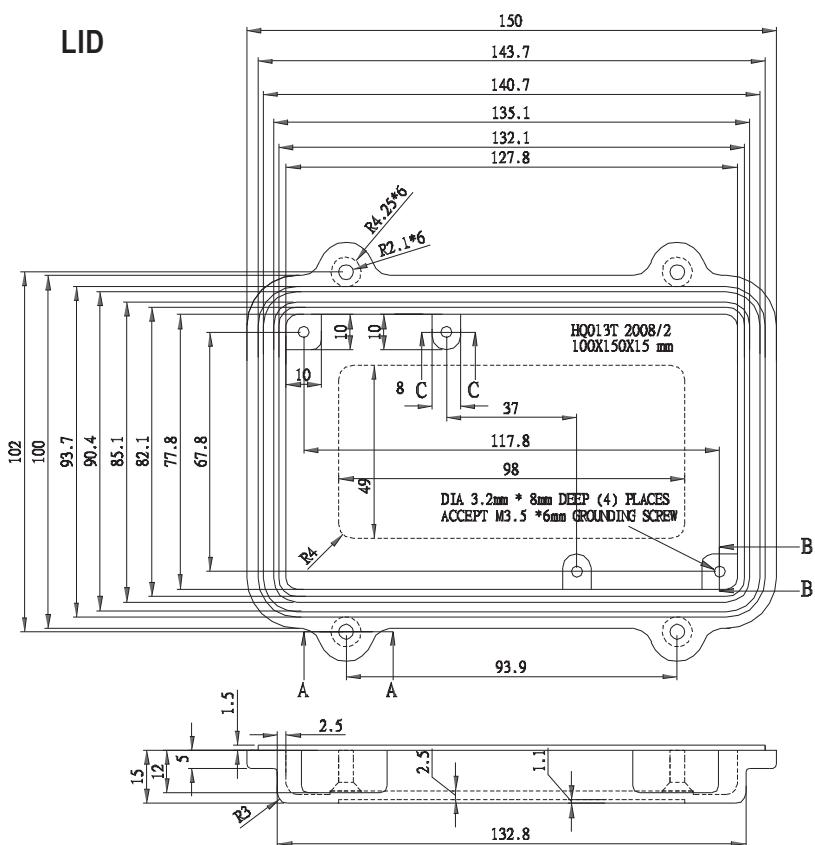


- 1) FOUR(4) M4 x 20mm (<0.787") LG. SCREWS SUPPLIED FOR ASSEMBLY OF COVER TO BODY.
- 2) ALL HOLE DIAMETERS HAVE ± 0.10 mm TOLERANCE
ALL OTHER DIMENSIONS HAVE ± 0.30 mm TOLERANCE

ITEM NO	DESCRIPTION
HQ013	Natural Aluminium Box (without the gasket)
HQ013S	IP67 RATING (with the silicon gasket)
HQ013EMS	IP67 RATING (with the silicon & Shielded gasket)



LID

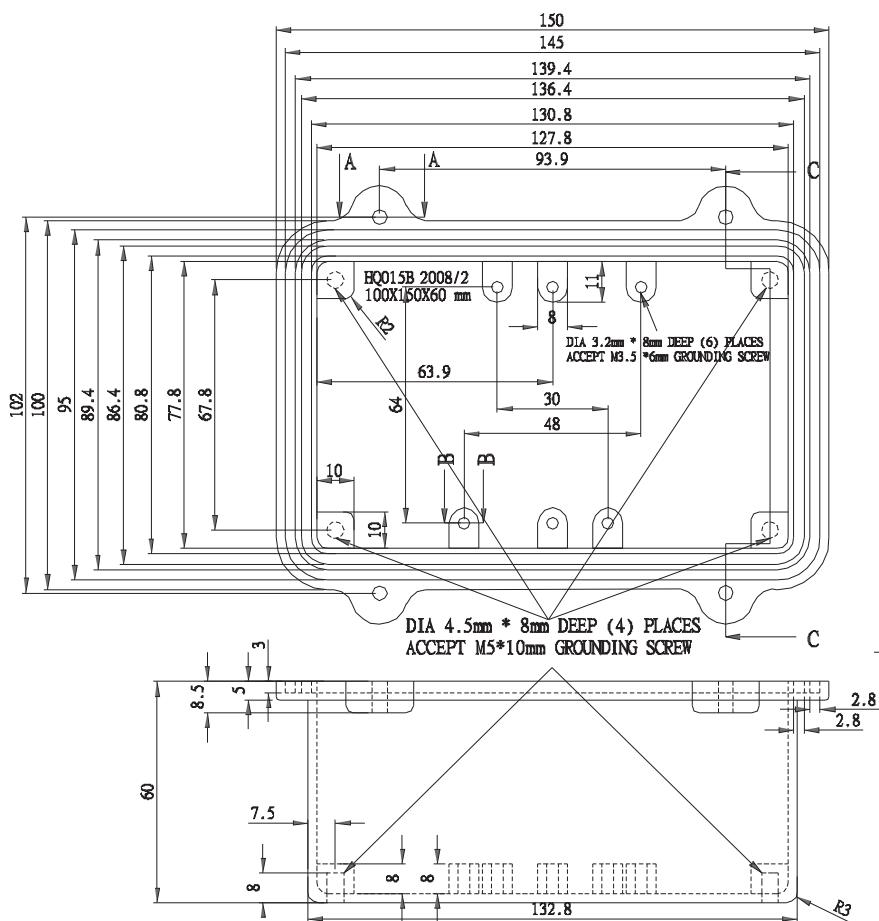


DETAIL A-A

DETAIL B-B

DETAIL C-C

BASE



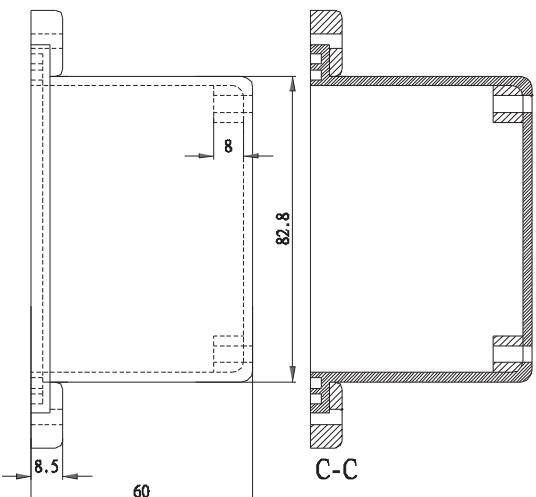
ITEM NO

DESCRIPTION

HQ015 Natural Aluminium Box (without the gasket)

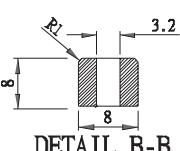
HQ015S IP67 RATING (with the silicon gasket)

HQ015EMS IP67 RATING (with the silicon & Shielded gasket)



M4*0.7 THREAD (4) PLACES

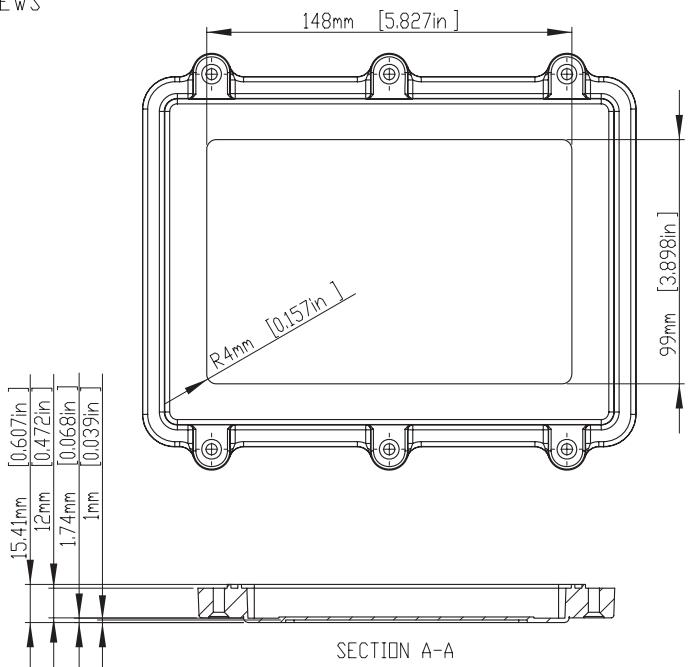
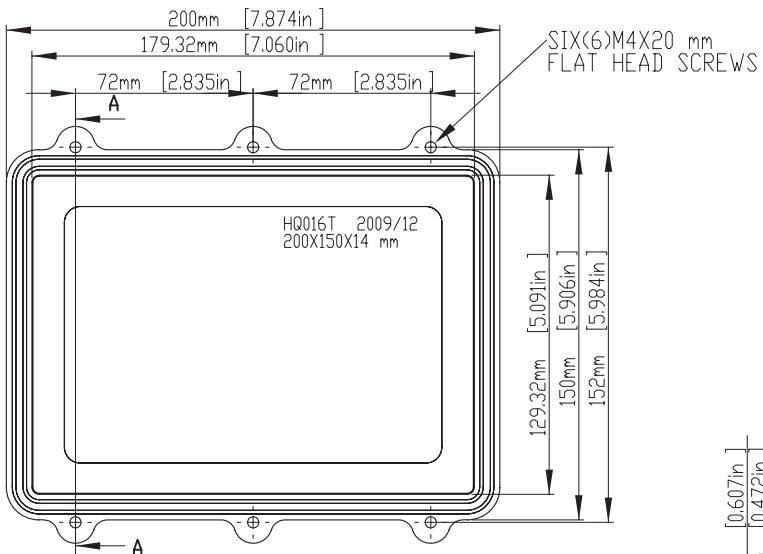
DETAIL A-A



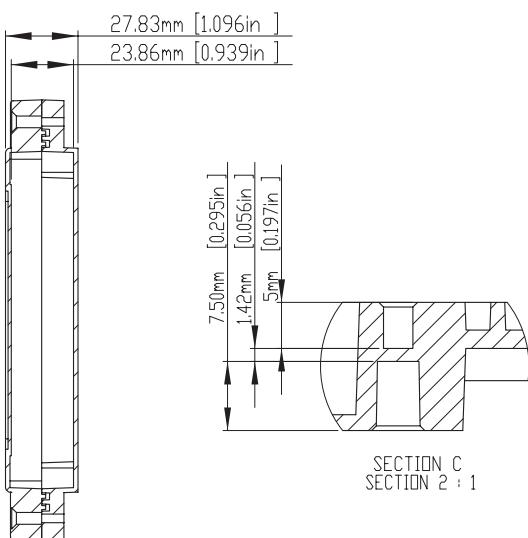
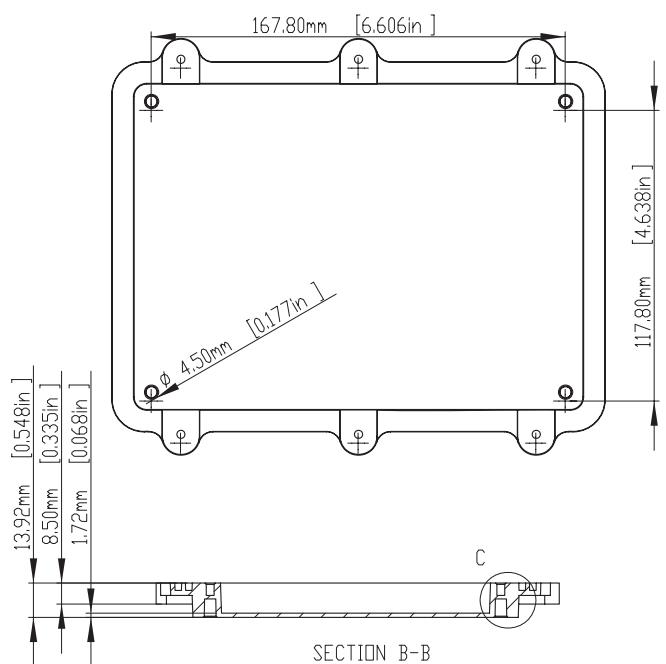
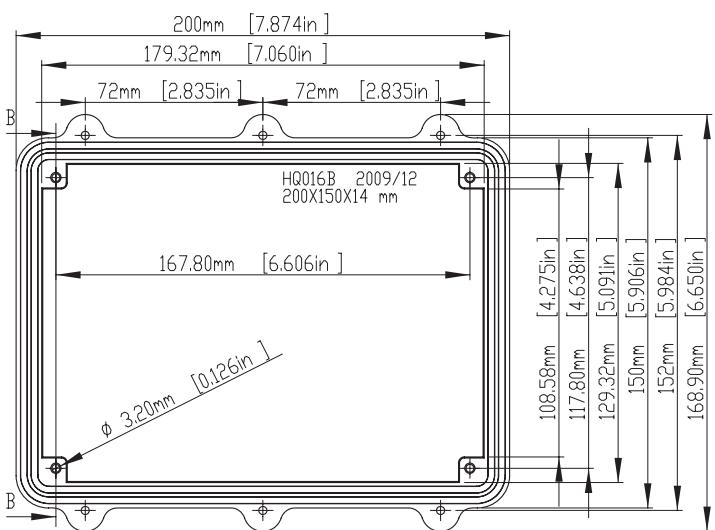
DETAIL B-B

HQ016

LID



BASE

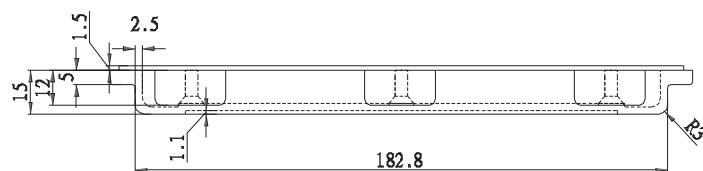
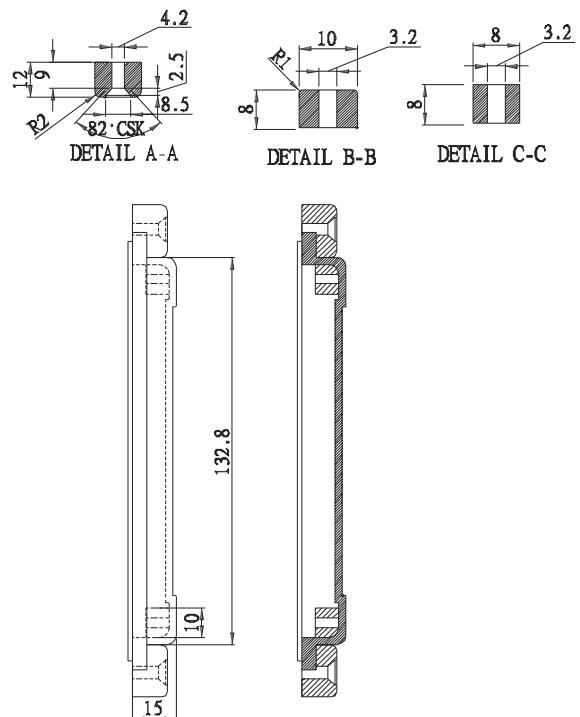
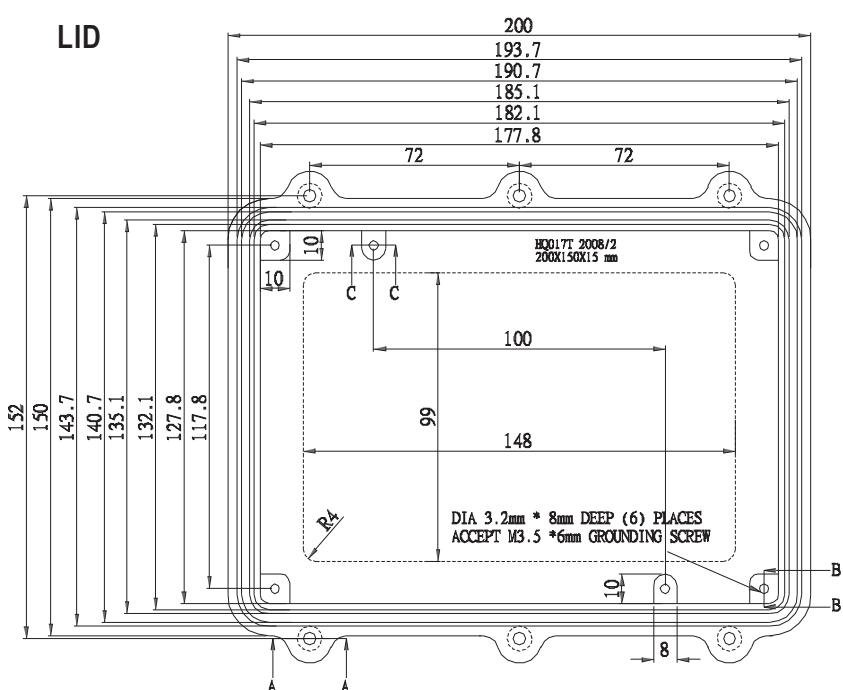


- 1) FOUR(4) M4 x 20mm (.787") LG. SCREWS
 SUPPLIED FOR ASSEMBLY OF COVER TO BODY.
 2) ALL HOLE DIAMETERS HAVE ± 0.10 mm TOLERANCE
 ALL OTHER DIMENSIONS HAVE ± 0.30 mm TOLERANCE

ITEM NO	DESCRIPTION
HQ016	Natural Aluminium Box (without the gasket)
HQ016S	IP67 RATING (with the silicon gasket)
HQ016EMS	IP67 RATING (with the silicon & Shielded gasket)

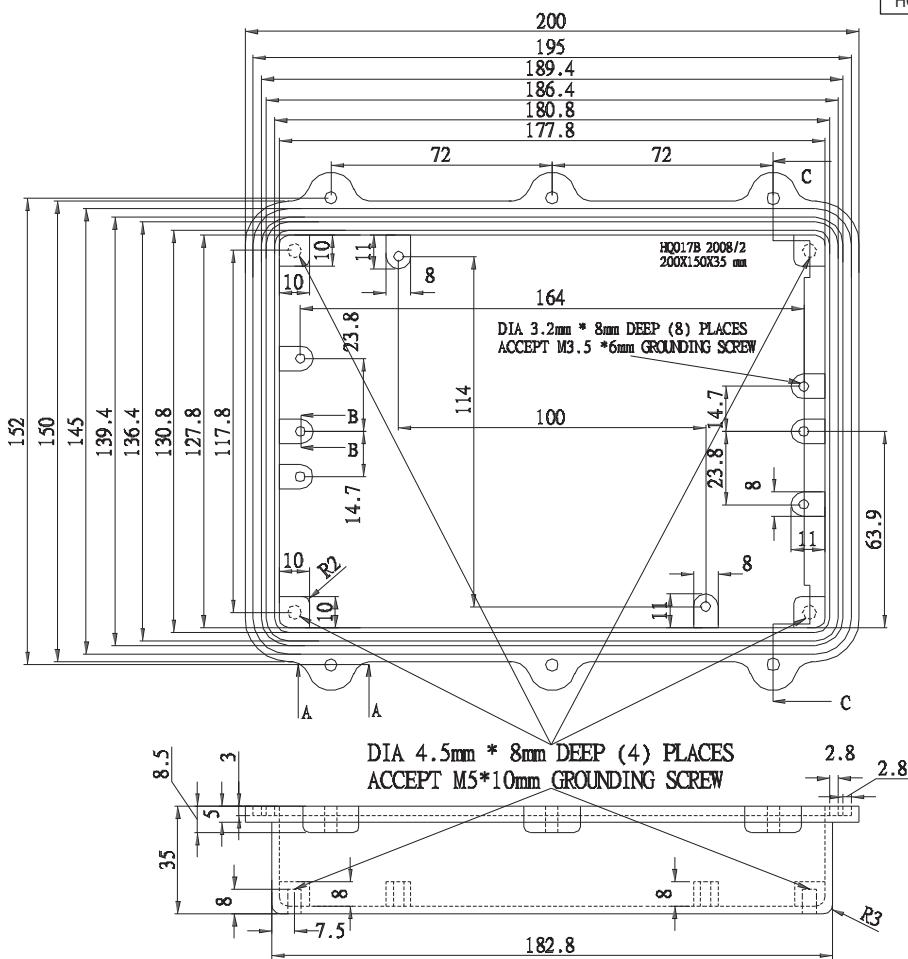
HQ017

LID

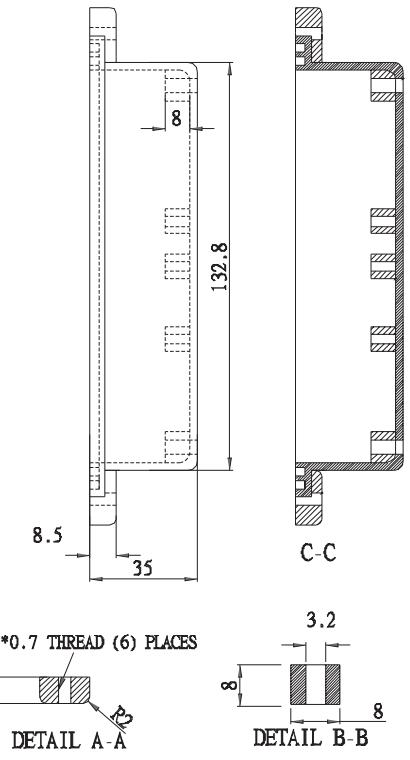


- 1) FOUR(4) M4 x 20mm (0.787") LG. SCREWS
SUPPLIED FOR ASSEMBLY OF COVER TO BODY.
2) ALL HOLE DIAMETERS HAVE ± 0.10 mm TOLERANCE
ALL OTHER DIMENSIONS HAVE ± 0.30 mm TOLERANCE

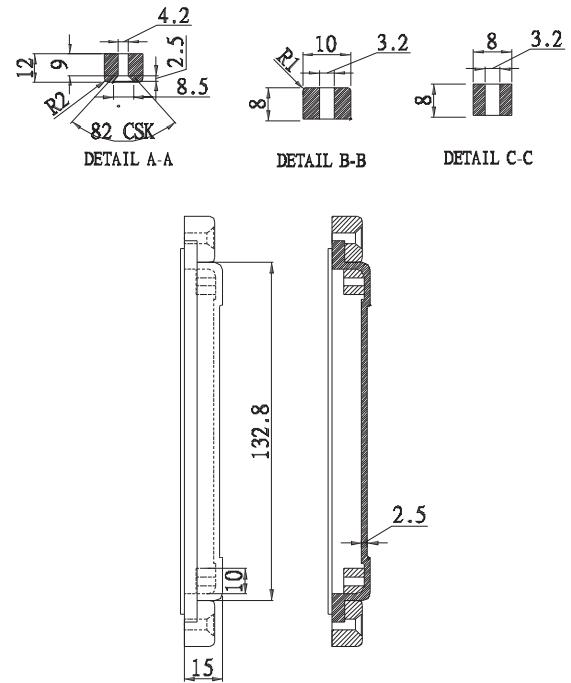
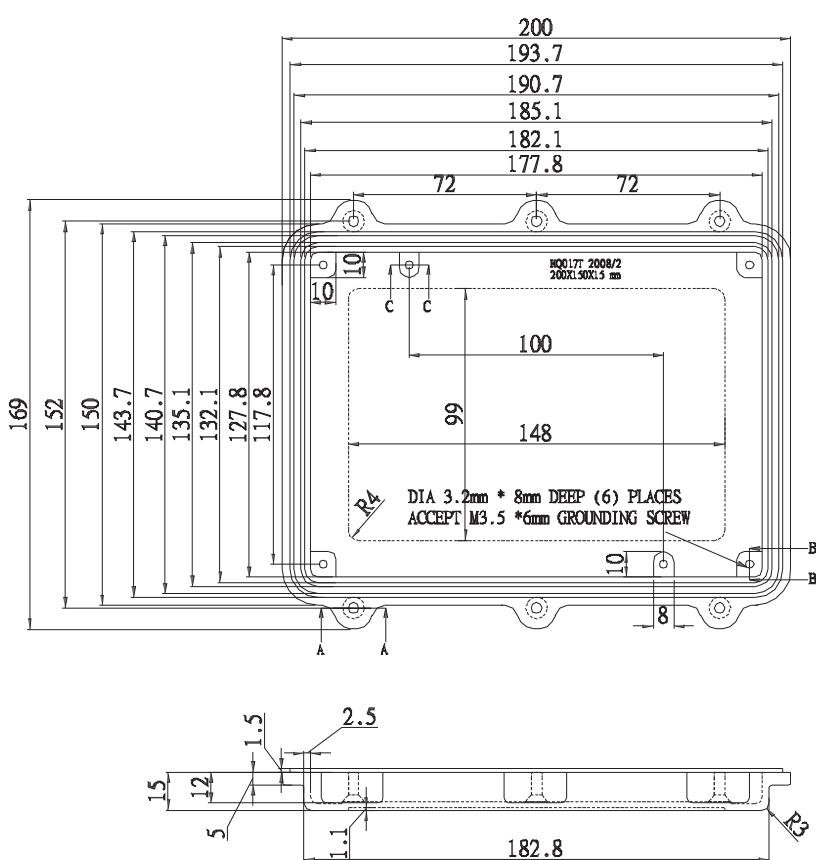
BASE



ITEM NO	DESCRIPTION
HQ017	Natural Aluminium Box (without the gasket)
HQ017S	IP67 RATING (with the silicon gasket)
HQ017EMS	IP67 RATING (with the silicon & Shielded gasket)

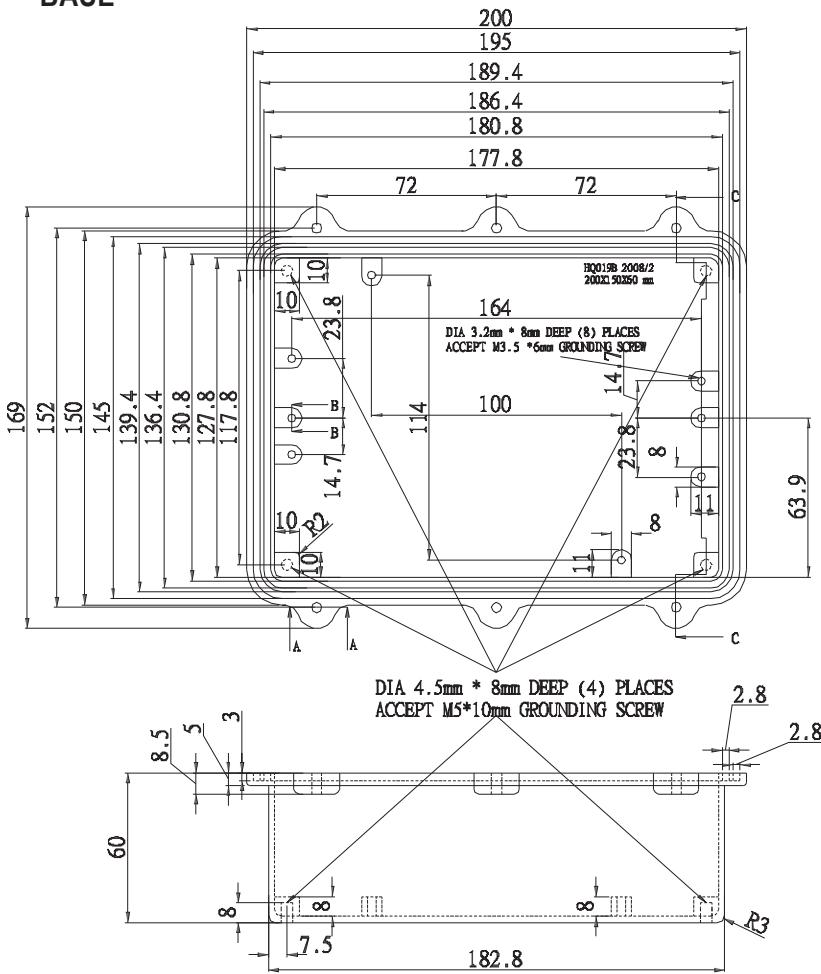


LID

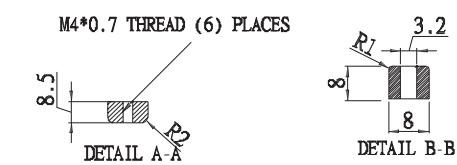
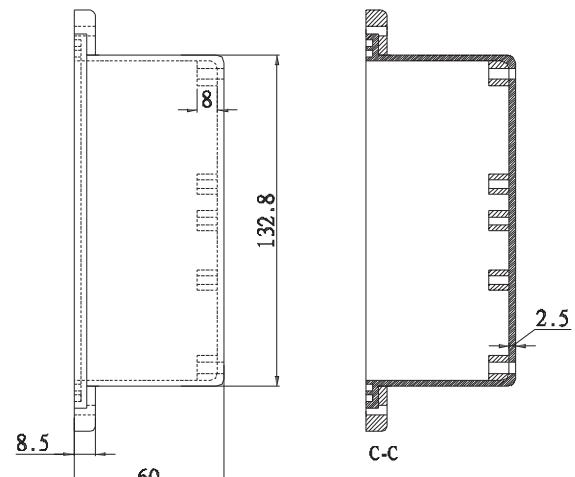


- 1) FOUR(4) M4 x 20mm (0.787") LG. SCREWS SUPPLIED FOR ASSEMBLY OF COVER TO BODY.
- 2) ALL HOLE DIAMETERS HAVE ± 0.10 mm TOLERANCE
ALL OTHER DIMENSIONS HAVE ± 0.30 mm TOLERANCE

BASE

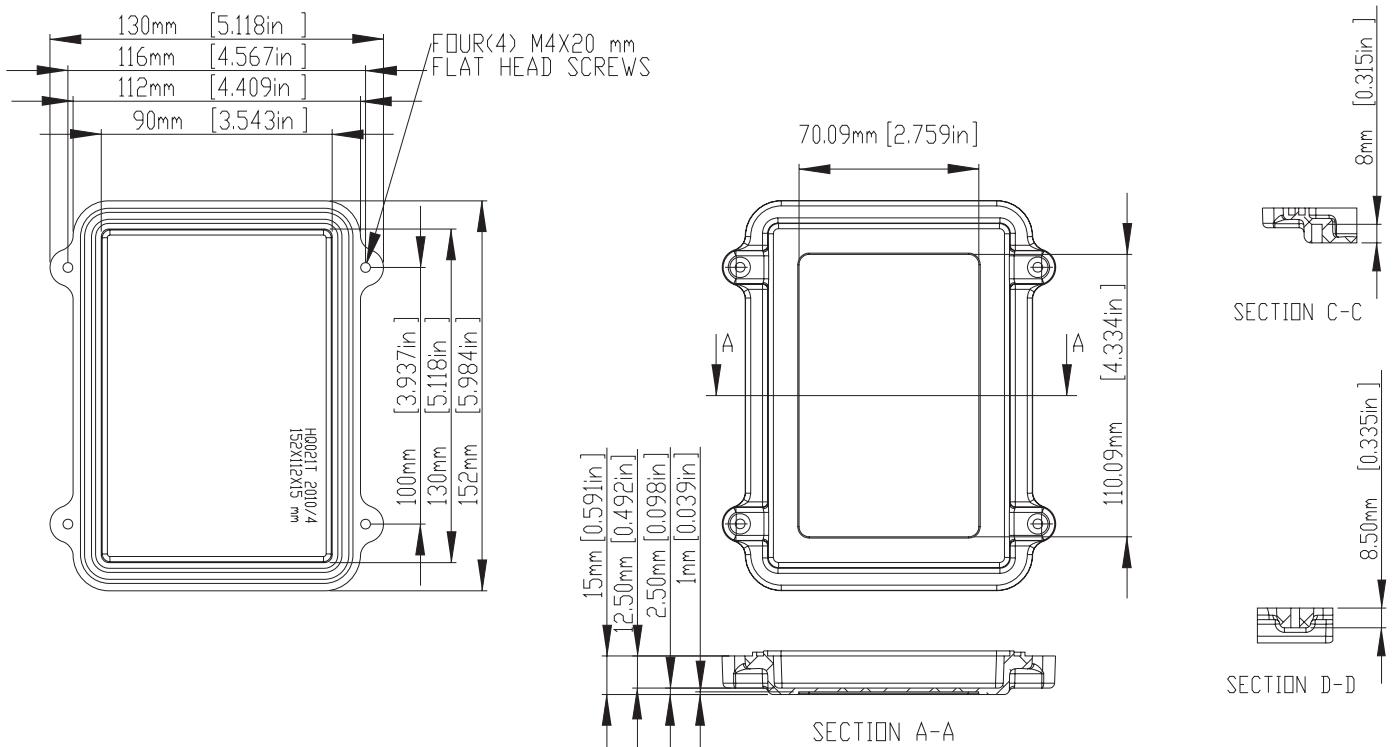


ITEM NO	DESCRIPTION
HQ019	Natural Aluminium Box (without the gasket)
HQ019S	IP67 RATING (with the silicon gasket)
HQ019EMS	IP67 RATING (with the silicon & Shielded gasket)

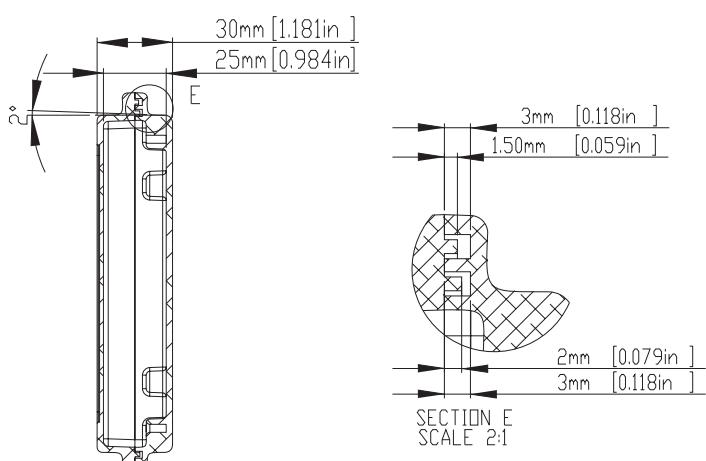
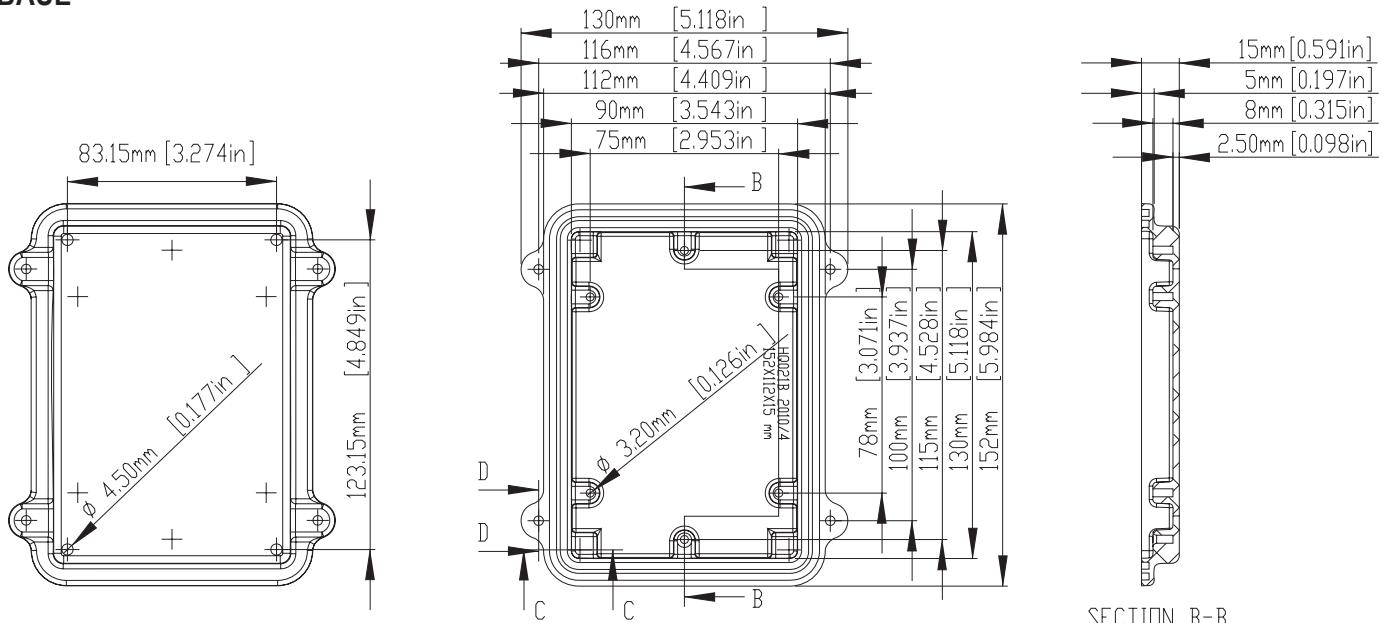


HQ021

LID

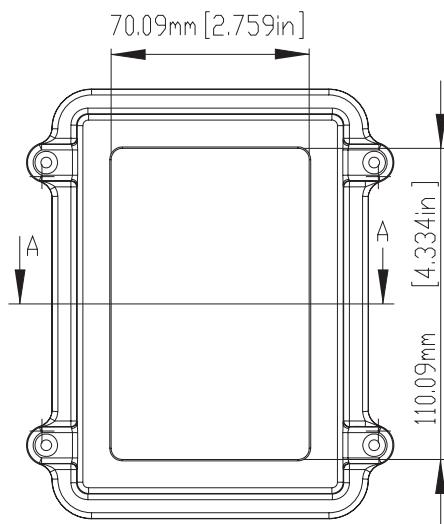
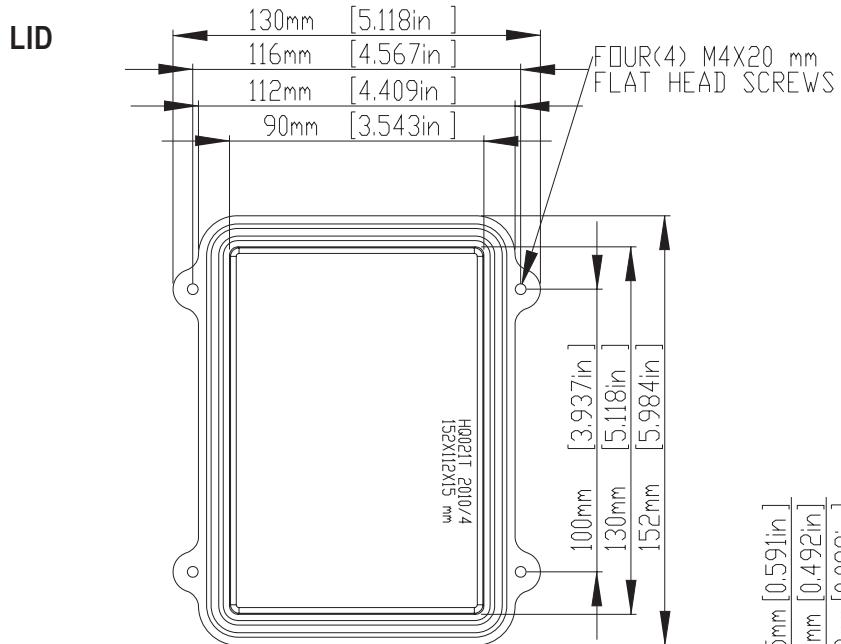
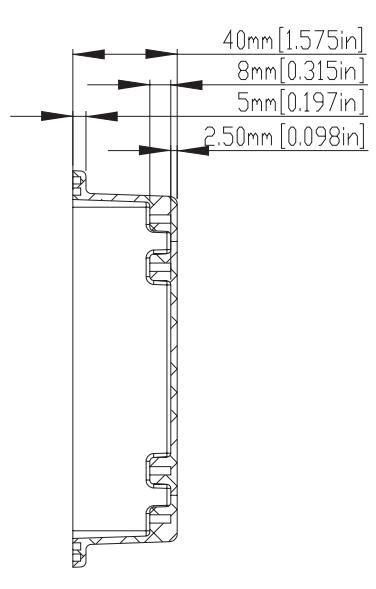
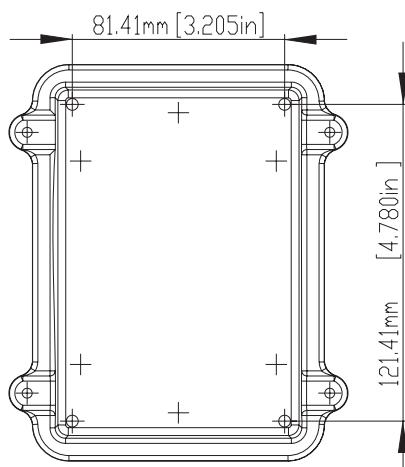
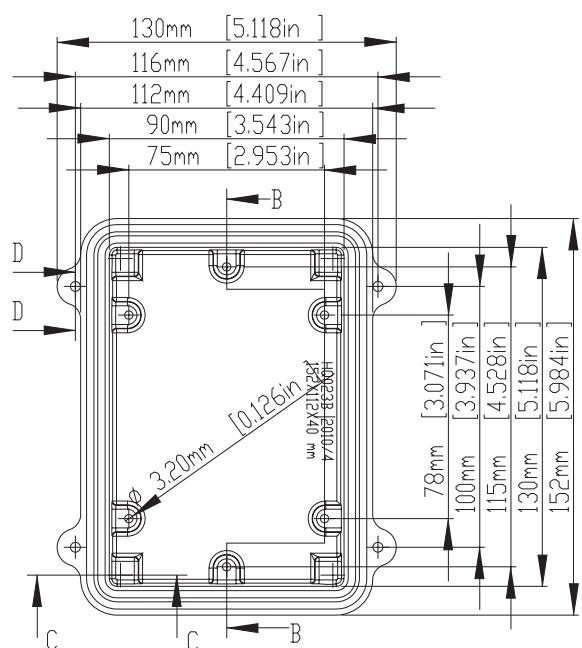


BASE

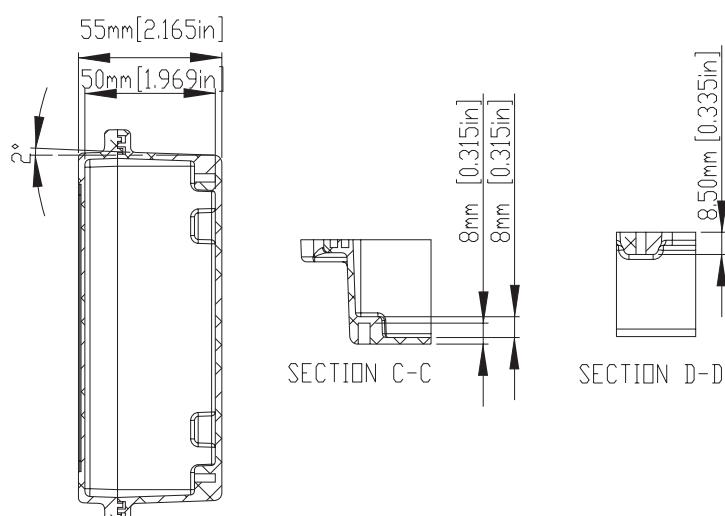


- 1) FOUR(4) M4 x 20mm (0.787") LG. SCREWS SUPPLIED FOR ASSEMBLY OF COVER TO BODY.
- 2) ALL HOLE DIAMETERS HAVE ±0.10mm TOLERANCE
ALL OTHER DIMENSIONS HAVE ±0.30 mm TOLERANCE

ITEM NO	DESCRIPTION
HQ021	Natural Aluminium Box (without the gasket)
HQ021S	IP67 RATING (with the silicon gasket)
HQ021EMS	IP67 RATING (with the silicon & Shielded gasket)

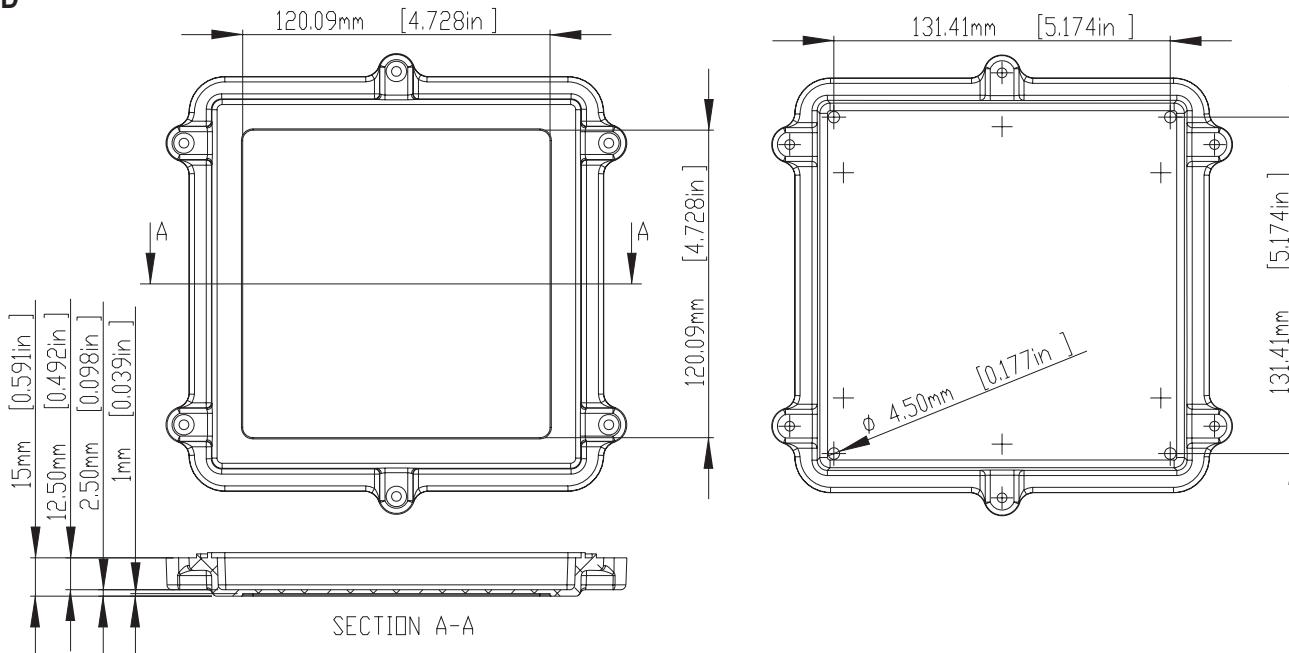
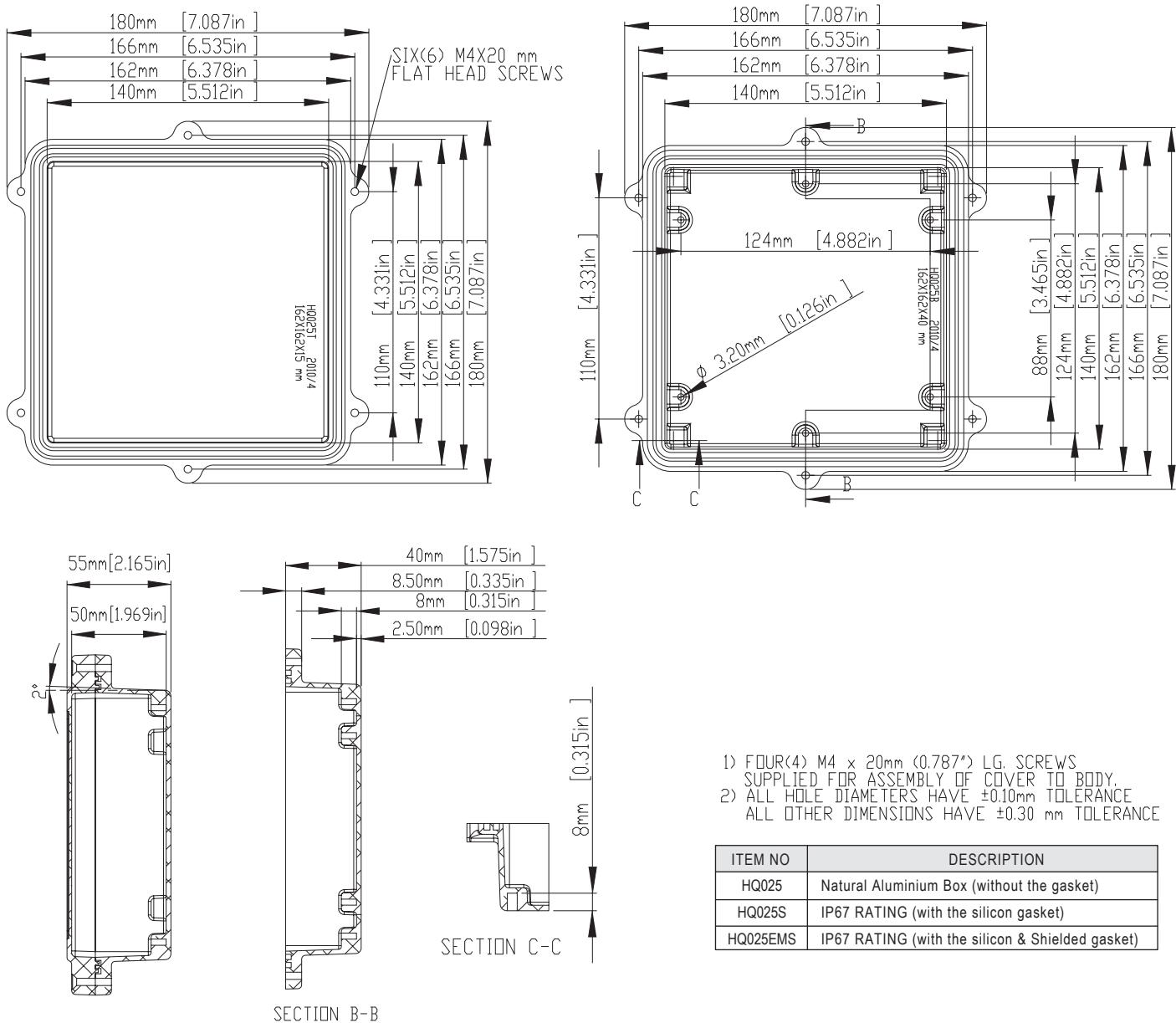
HQ023**BASE**

SECTION B-B



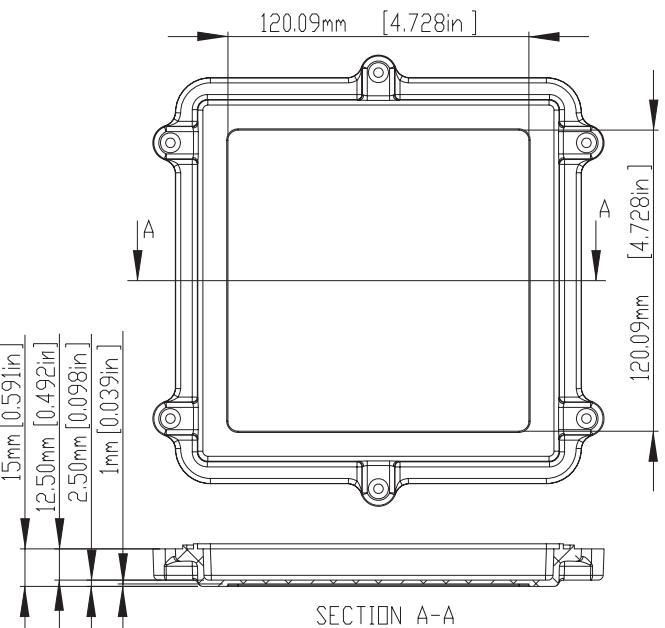
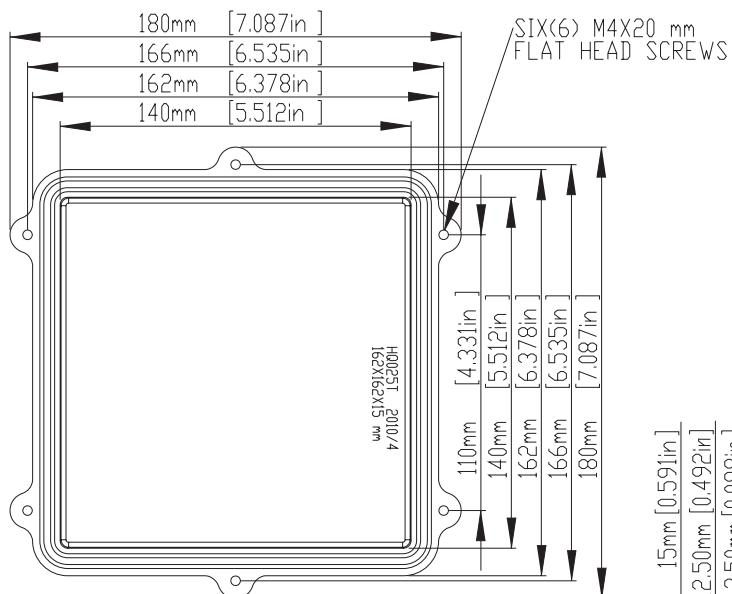
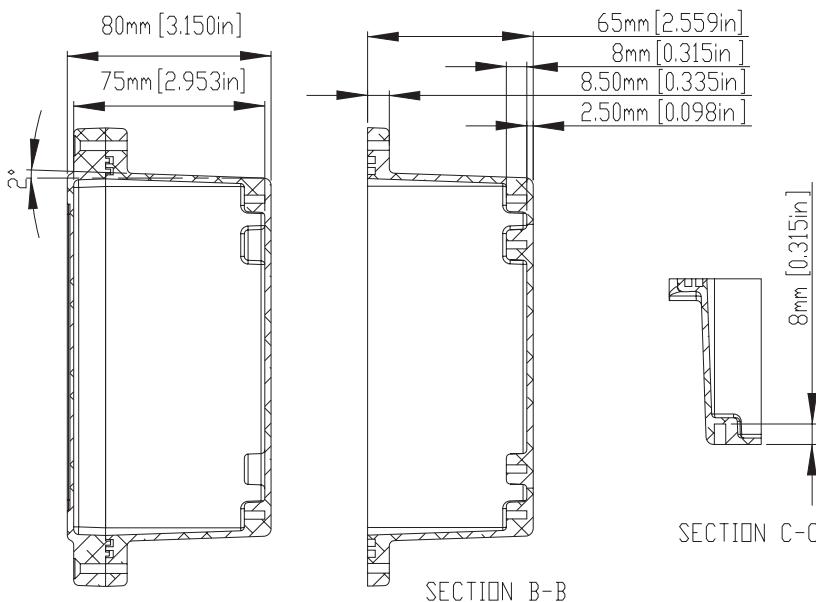
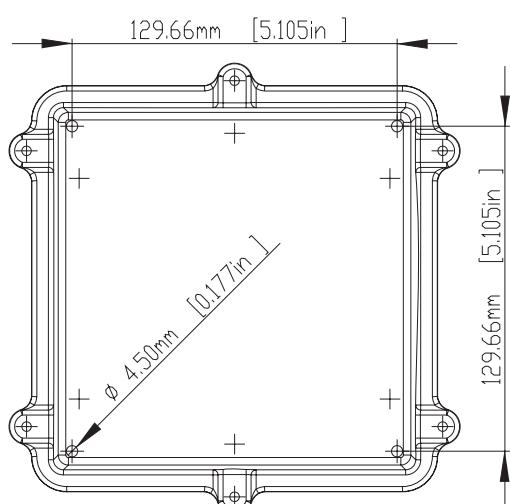
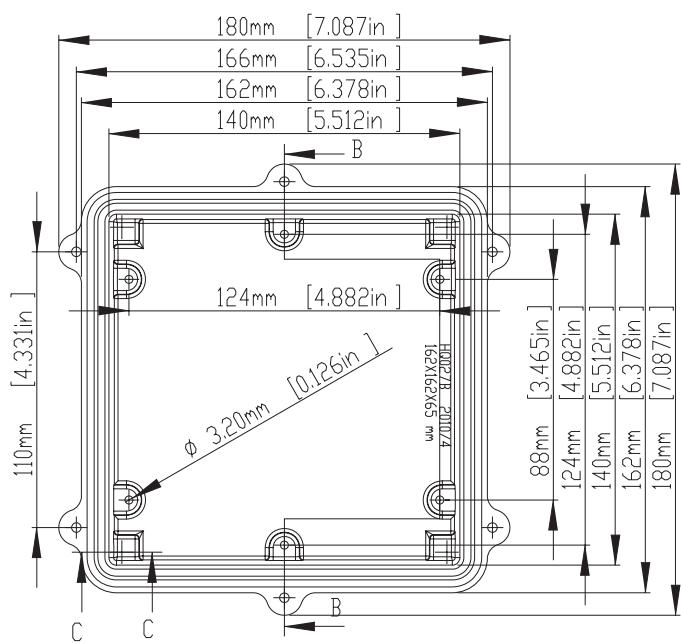
- 1) FOUR(4) M4 x 20mm (0.787") LG. SCREWS SUPPLIED FOR ASSEMBLY OF COVER TO BODY
- 2) ALL HOLE DIAMETERS HAVE $\pm 0.10\text{mm}$ TOLERANCE
ALL OTHER DIMENSIONS HAVE $\pm 0.30\text{ mm}$ TOLERANCE

ITEM NO	DESCRIPTION
HQ023	Natural Aluminium Box (without the gasket)
HQ023S	IP67 RATING (with the silicon gasket)
HQ023EMS	IP67 RATING (with the silicon & Shielded gasket)

HQ025**LID****BASE**

- 1) FOUR(4) M4 x 20mm (0.787") LG. SCREWS SUPPLIED FOR ASSEMBLY OF COVER TO BODY.
- 2) ALL HOLE DIAMETERS HAVE $\pm 0.10\text{mm}$ TOLERANCE
ALL OTHER DIMENSIONS HAVE $\pm 0.30\text{ mm}$ TOLERANCE

ITEM NO	DESCRIPTION
HQ025	Natural Aluminium Box (without the gasket)
HQ025S	IP67 RATING (with the silicon gasket)
HQ025EMS	IP67 RATING (with the silicon & Shielded gasket)

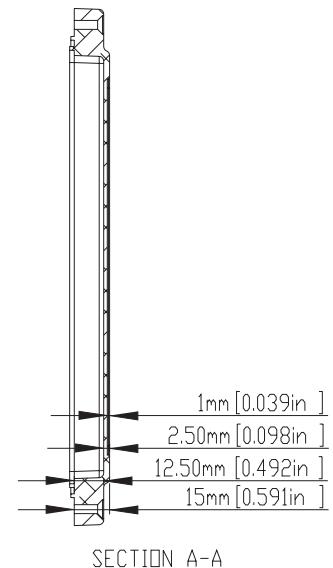
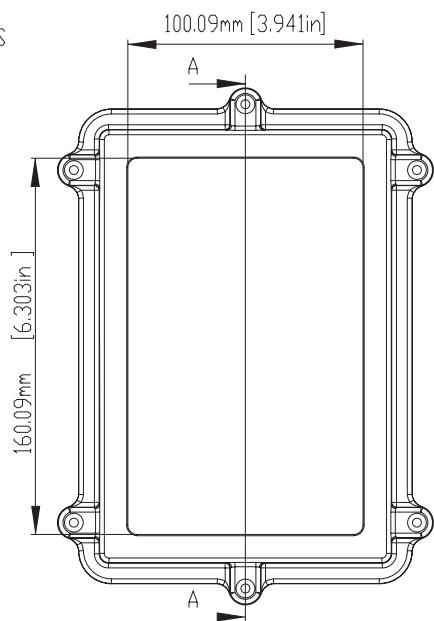
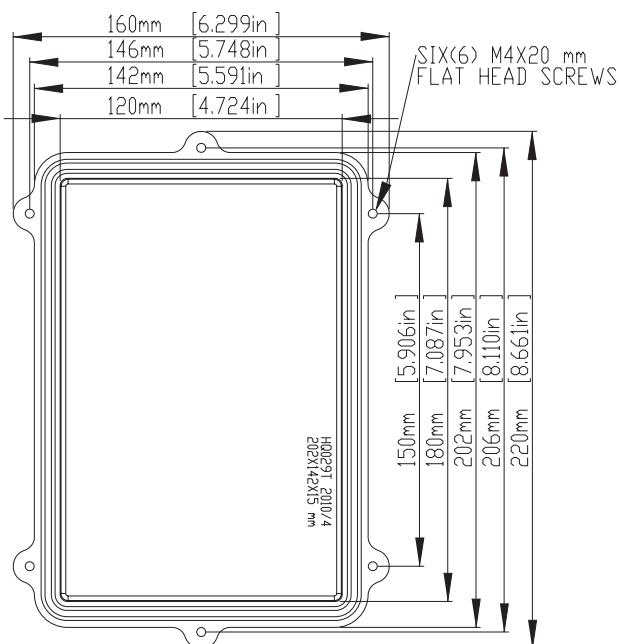
HQ027**LID****BASE**

- 1) FOUR(4) M4 x 20mm (0.787") LG. SCREWS SUPPLIED FOR ASSEMBLY OF COVER TO BODY.
- 2) ALL HOLE DIAMETERS HAVE ± 0.10 mm TOLERANCE
ALL OTHER DIMENSIONS HAVE ± 0.30 mm TOLERANCE

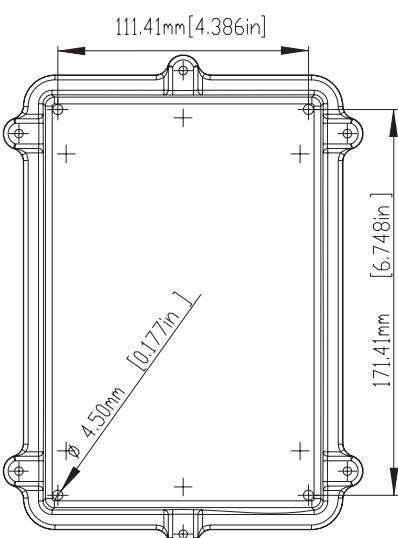
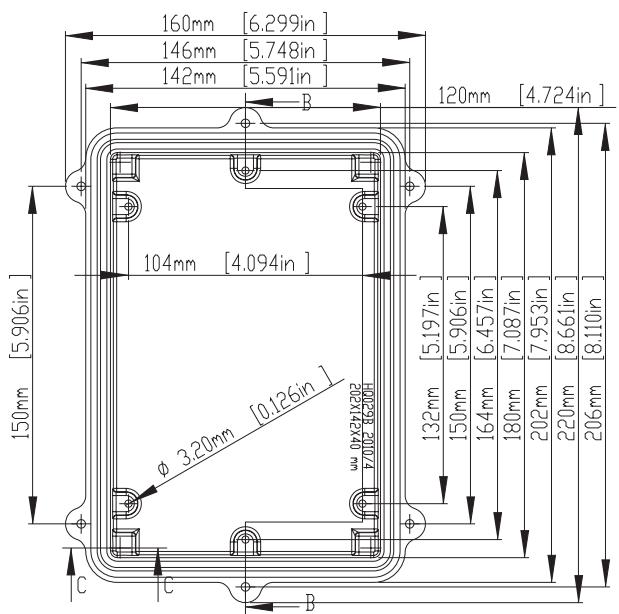
ITEM NO	DESCRIPTION
HQ027	Natural Aluminium Box (without the gasket)
HQ027S	IP67 RATING (with the silicon gasket)
HQ027EMS	IP67 RATING (with the silicon & Shielded gasket)

HQ029

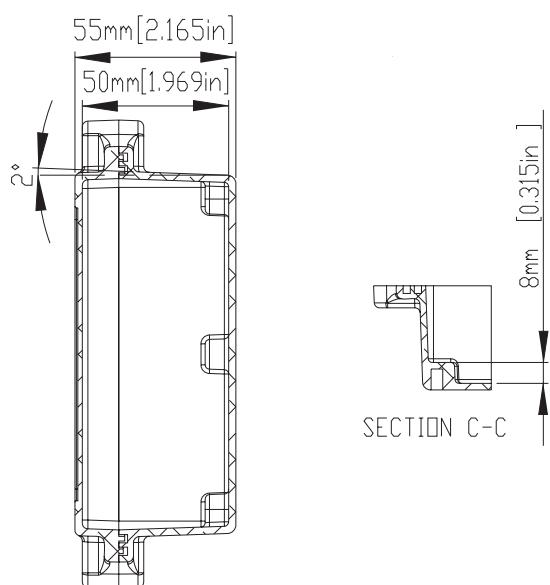
LID



BASE

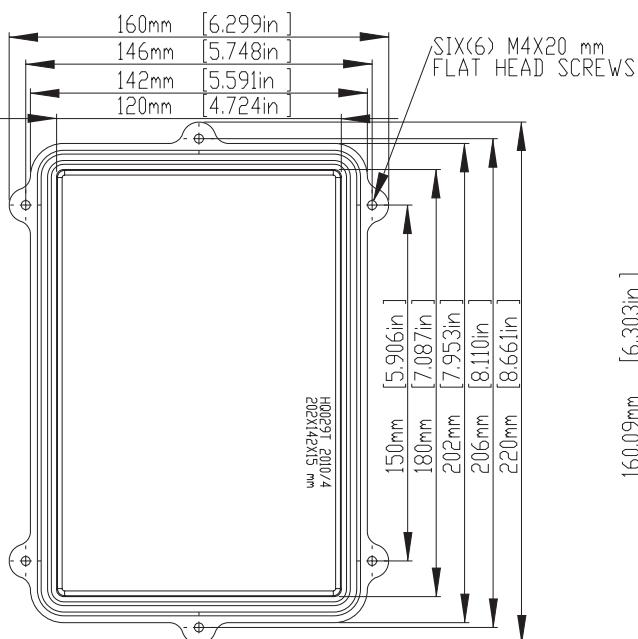


SECTION B-B



- 1) FOUR(4) M4 x 20mm (0.787") LG. SCREWS SUPPLIED FOR ASSEMBLY OF COVER TO BODY.
- 2) ALL HOLE DIAMETERS HAVE $\pm 0.10\text{mm}$ TOLERANCE
ALL OTHER DIMENSIONS HAVE $\pm 0.30\text{ mm}$ TOLERANCE

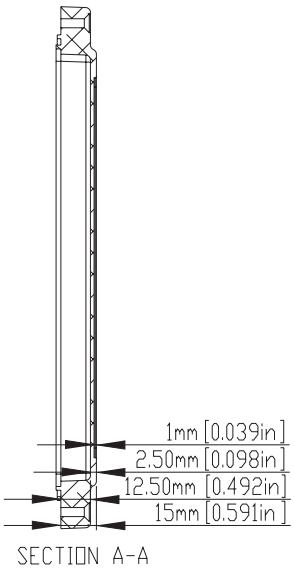
ITEM NO	DESCRIPTION
HQ029	Natural Aluminium Box (without the gasket)
HQ029S	IP67 RATING (with the silicon gasket)
HQ029EMS	IP67 RATING (with the silicon & Shielded gasket)

HQ031**LID**

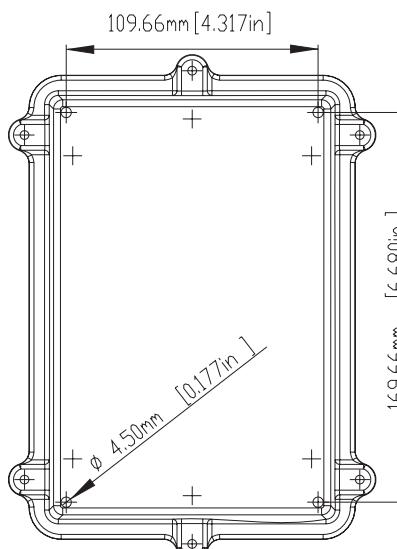
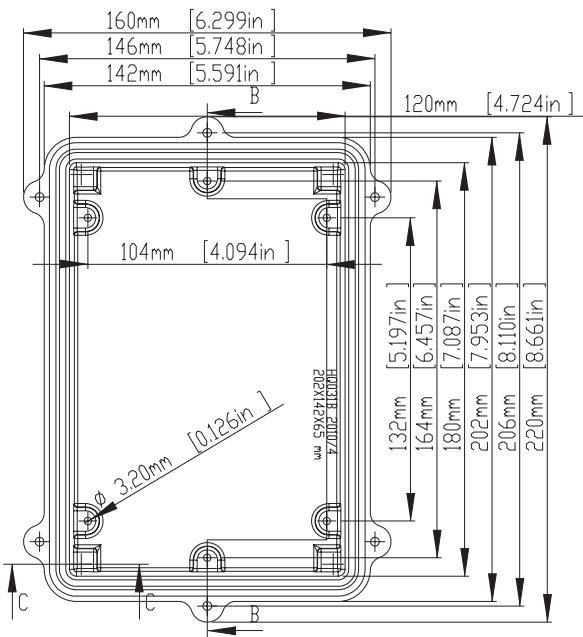
100.09mm [3.941in]

160.09mm [6.303in]

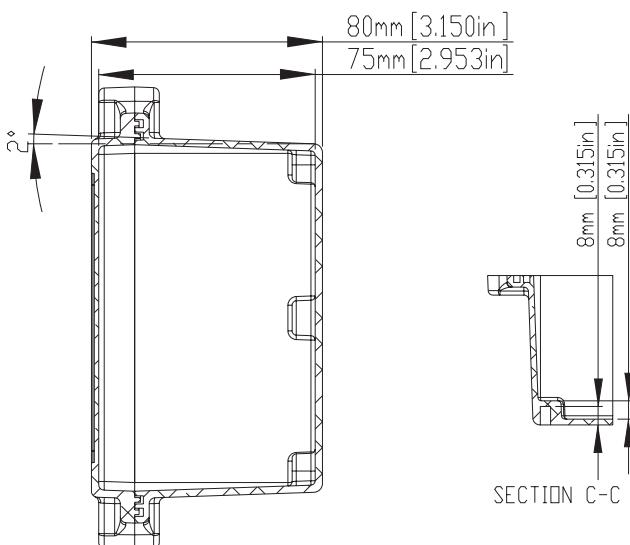
A



SECTION A-A

BASE

SECTION B-B

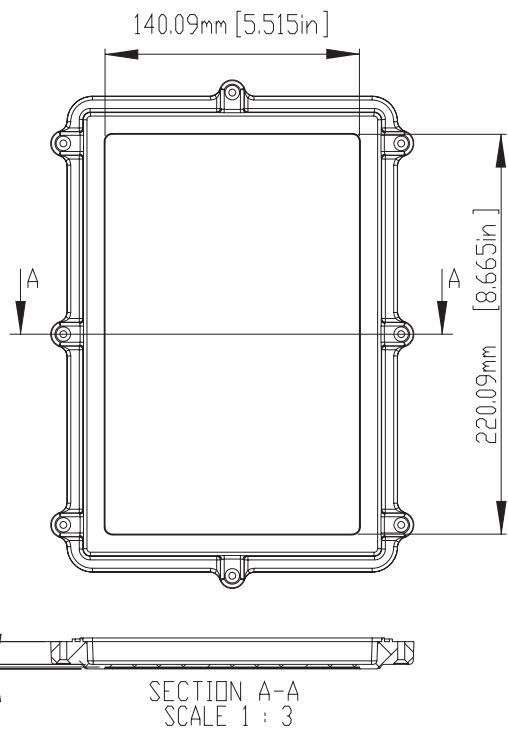
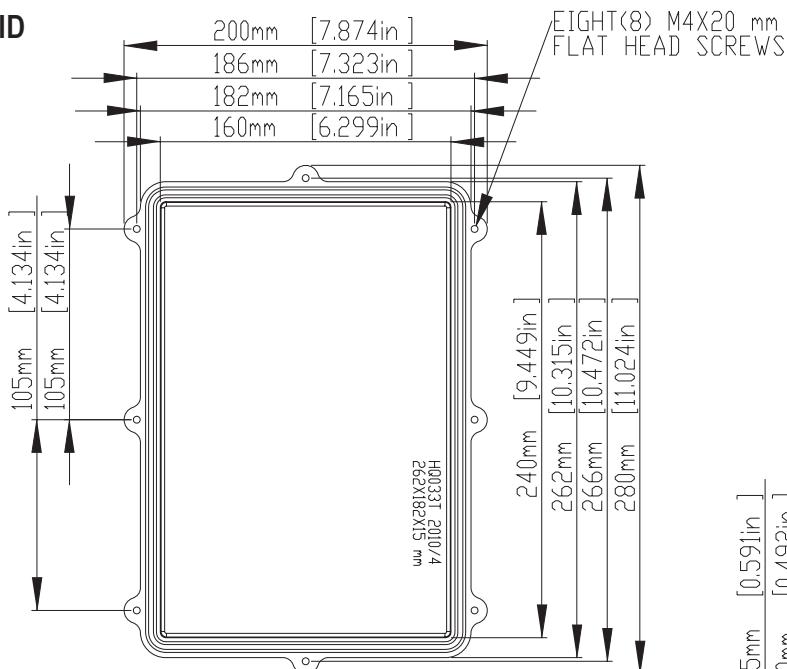


- 1) FOUR(4) M4 x 20mm (0.787") LG. SCREWS SUPPLIED FOR ASSEMBLY OF COVER TO BODY.
- 2) ALL HOLE DIAMETERS HAVE ± 0.10 mm TOLERANCE
ALL OTHER DIMENSIONS HAVE ± 0.30 mm TOLERANCE

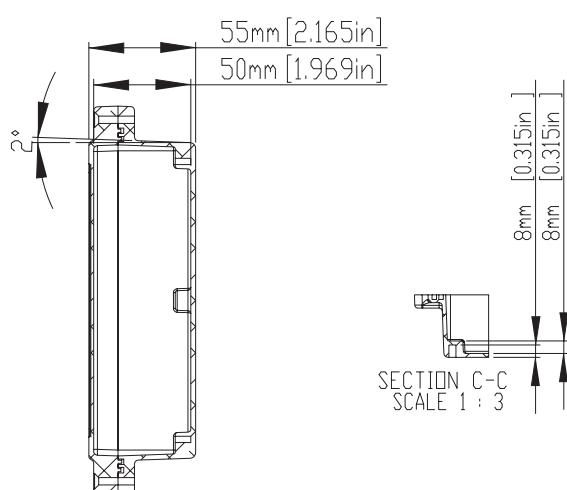
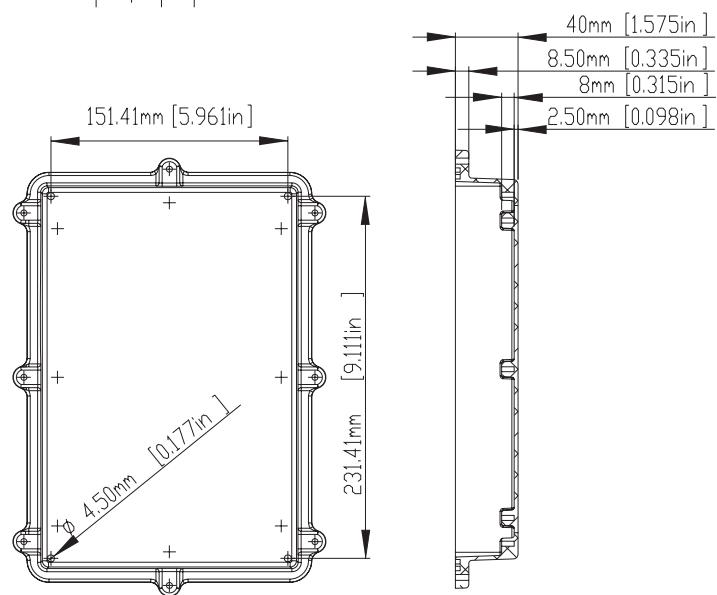
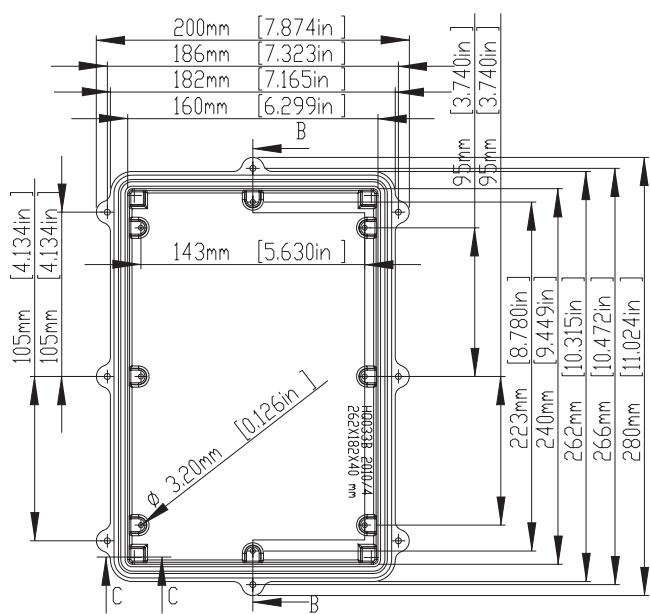
ITEM NO	DESCRIPTION
HQ031	Natural Aluminium Box (without the gasket)
HQ031S	IP67 RATING (with the silicon gasket)
HQ031EMS	IP67 RATING (with the silicon & Shielded gasket)

HQ033

LID

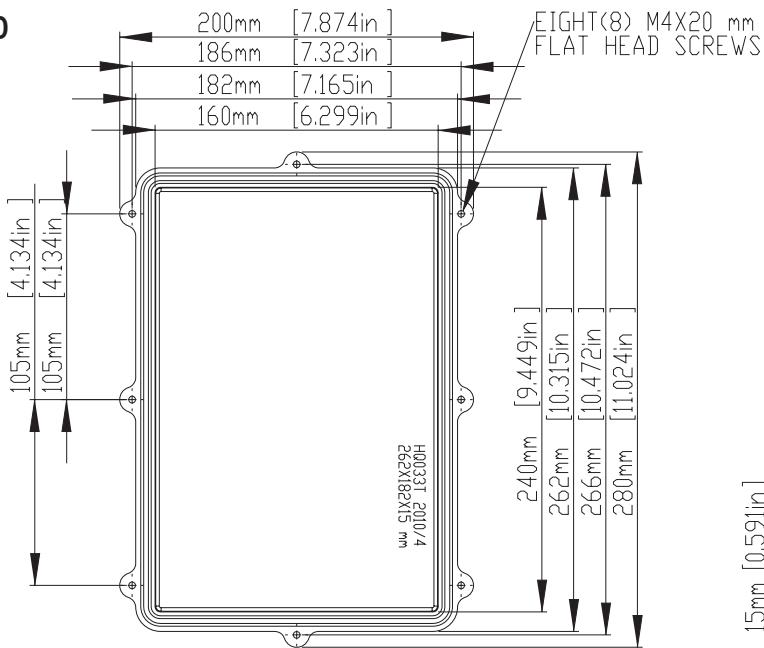
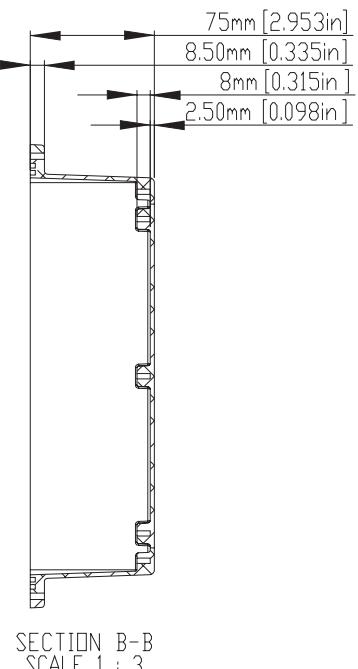
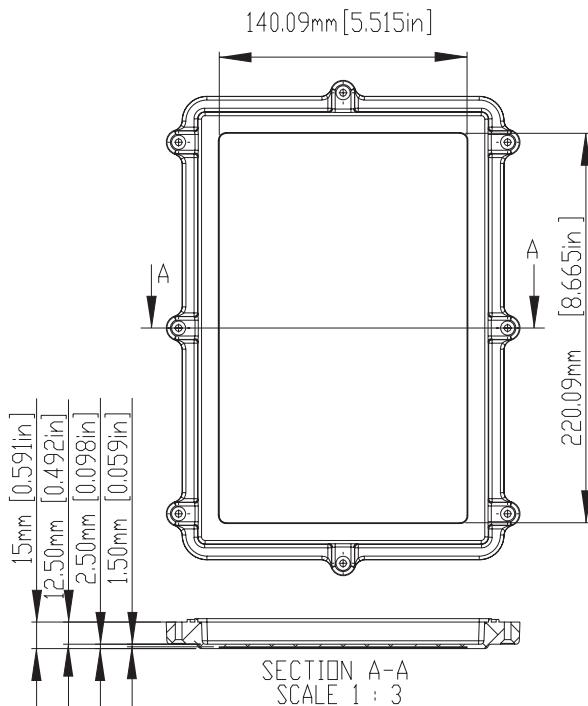
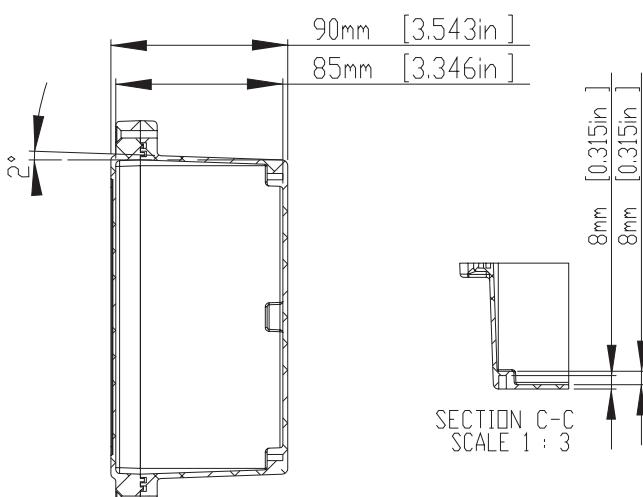
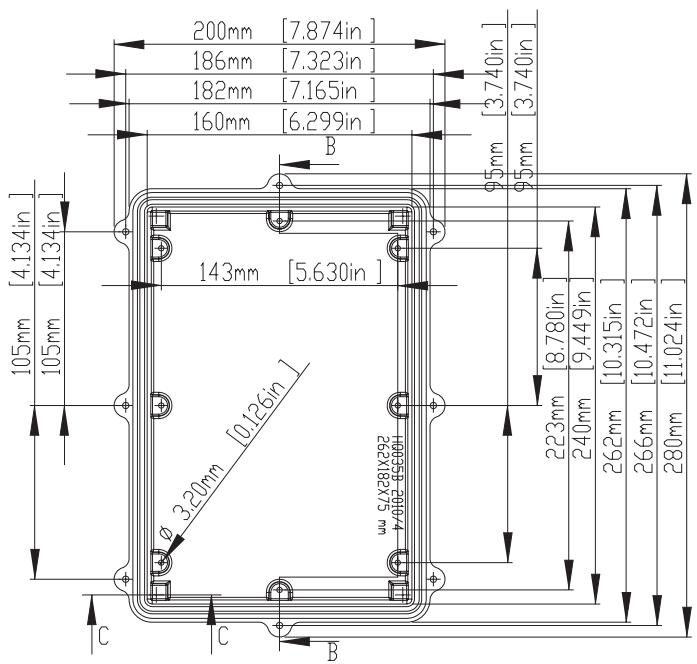


BASE



- 1) FOUR(4) M4 x 20mm (0.787") LG. SCREWS SUPPLIED FOR ASSEMBLY OF COVER TO BODY.
- 2) ALL HOLE DIAMETERS HAVE ± 0.10 mm TOLERANCE
ALL OTHER DIMENSIONS HAVE ± 0.30 mm TOLERANCE

ITEM NO	DESCRIPTION
HQ033	Natural Aluminium Box (without the gasket)
HQ033S	IP67 RATING (with the silicon gasket)
HQ033EMS	IP67 RATING (with the silicon & Shielded gasket)

LID**BASE**

- 1) FOUR(4) M4 x 20mm (0.787") LG. SCREWS SUPPLIED FOR ASSEMBLY OF COVER TO BODY.
- 2) ALL HOLE DIAMETERS HAVE ± 0.10 mm TOLERANCE
ALL OTHER DIMENSIONS HAVE ± 0.30 mm TOLERANCE

ITEM NO	DESCRIPTION
HQ035	Natural Aluminium Box (without the gasket)
HQ035S	IP67 RATING (with the silicon gasket)
HQ035EMS	IP67 RATING (with the silicon & Shielded gasket)

IP66 DIE-CAST ALUMINIUM ENCLOSURES



PRODUCT INFORMATION

- Material: aluminium alloy ADC-12 to Japan (JIS)
- Finish: natural aluminium color.
- Tapped holes on the body to seize the cover easily.
- M3.5 countersunk stainless screws are included to seize the cover and the body.

LIGHT GREY(LG), BLACK(BK) OF POWDER COATED ALUMINIUM ENCLOSURES ARE AVAILABLE FOR ORDERING .

JUST NEED TO ADD THE COLOR CODE AFTER THE ITEM NO. Ex: B011LG, B013BK, BS11LG, BS13BK

Example



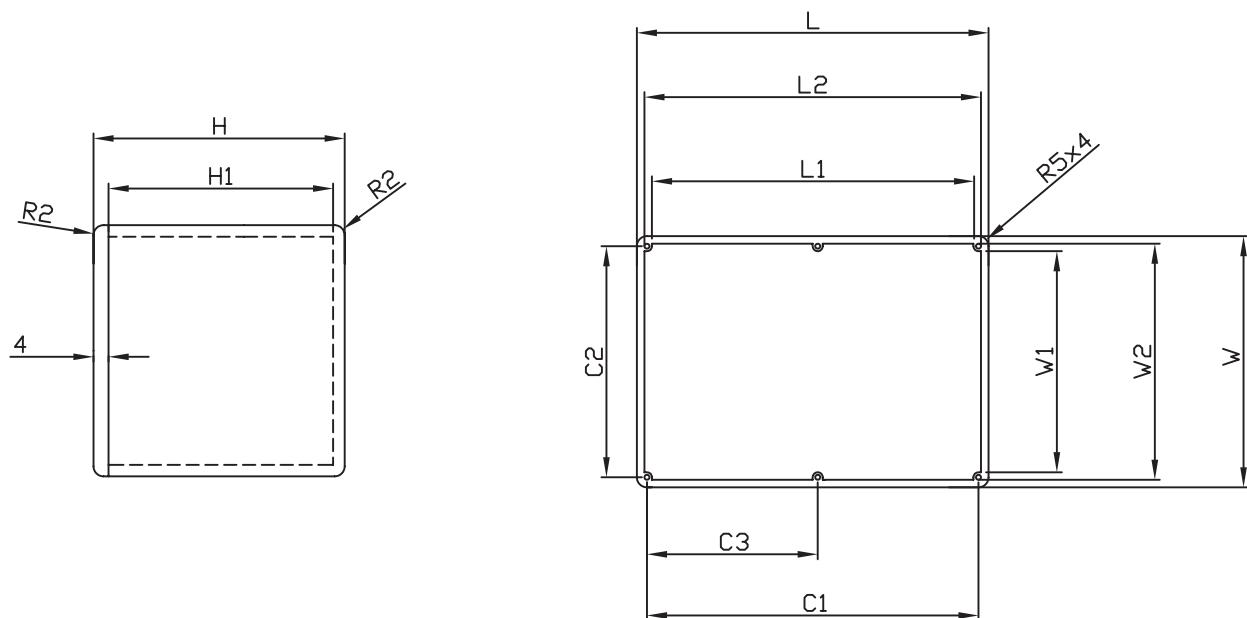
B027



BS37

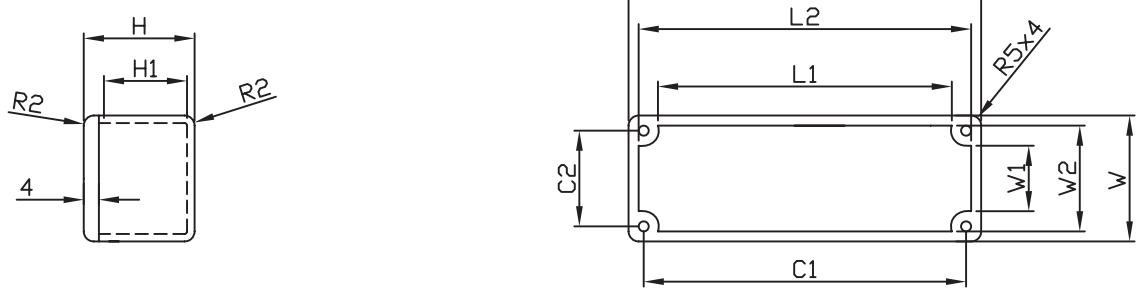
NO SEAL (without adhesive seal)	IP66 RATING (with adhesive seal)	EXTERNAL DIMENSION(mm)
ITEM No.	ITEM No.	
B011	BS11	222 x 146 x 55
B013	BS13	114 x 64 x 30
B015	BS15	114 x 64 x 55
B017	BS17	222 x 146 x 106
B019	BS19	275 x 175 x 65
B021	BS21	250 x 250 x 100
B023	BS23	120 x 100 x 35
B025	BS25	114 x 89 x 55
B027	BS27	171 x 121 x 55
B029	BS29	140 x 100 x 75
B031	BS31	80 x 55 x 25
B033	BS33	165 x 127 x 75
B035	BS35	60 x 55 x 30
B037	BS37	89 x 35 x 30
B039	BS39	171 x 121 x 106

B011/BS11, B017/BS17, B027/BS27, B039/BS39



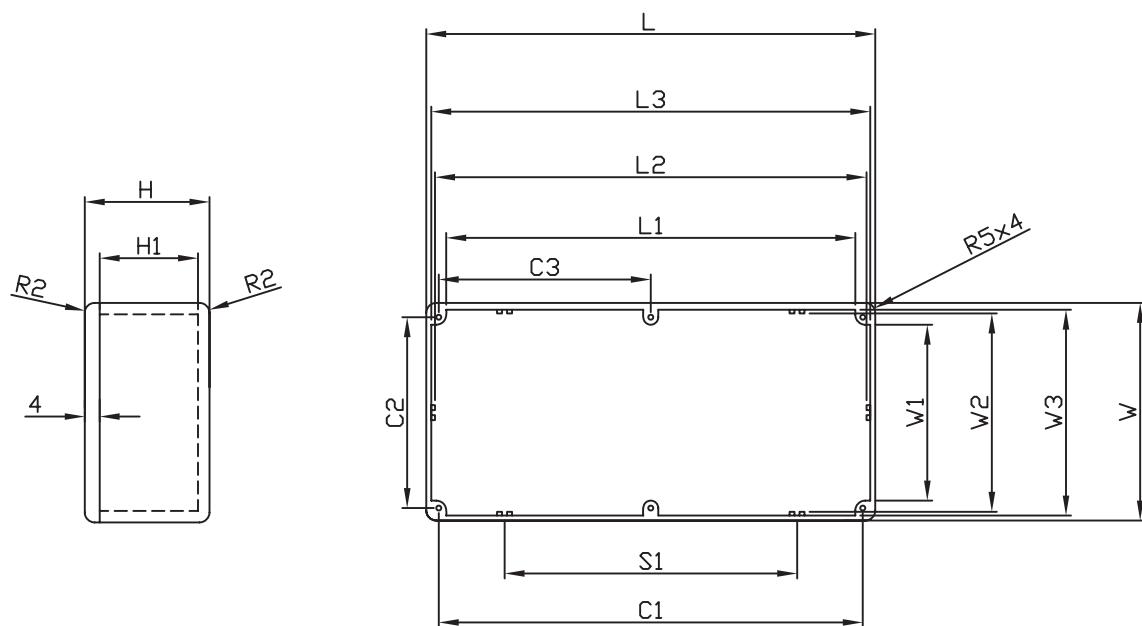
Gainta Item No.	L	W	H	C1	C2	L1	L2	W1	W2	C3	H1
B027/BS27	171.9	120.9	55.0	160.4	109.3	153.9	168.1	102.9	117.0	80.3	49.0
B039/BS39	171.9	120.9	106.0	160.4	109.3	153.8	168.0	102.8	116.9	80.3	100.1
B011/BS11	222.1	145.9	55.9	211.7	135.4	205.0	218.7	129.0	141.8	105.8	49.2
B017/BS17	222.2	146.0	106.5	211.7	135.4	205.1	218.9	129.1	141.8	105.8	100.1

B013/BS13, B015/BS15, B025/BS25, B037/BS37



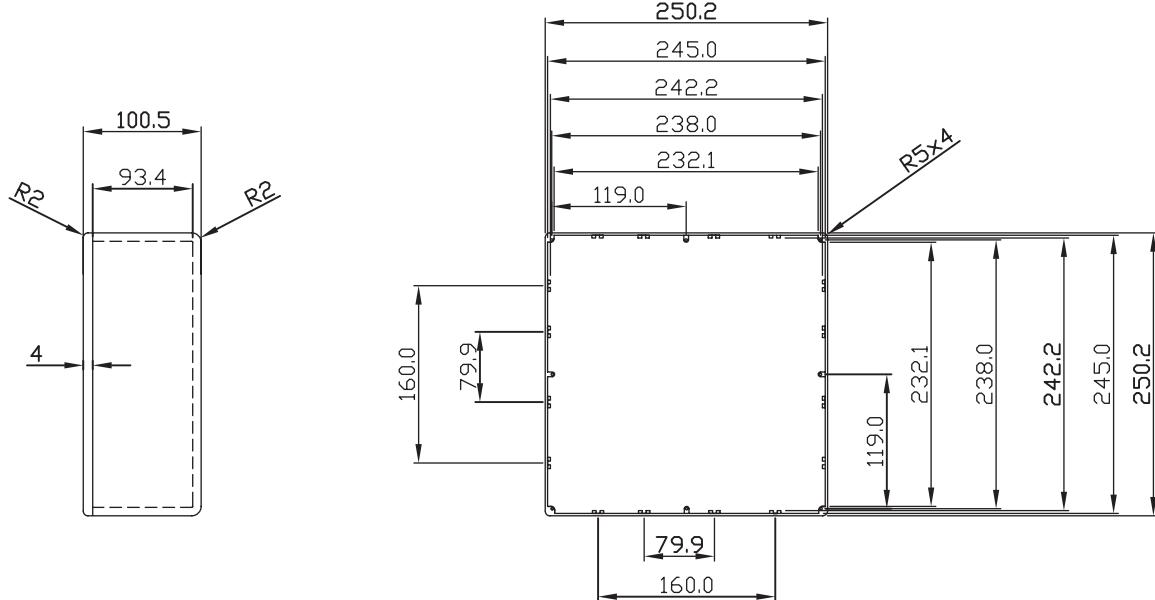
Gainta Item No.	L	W	H	C1	C2	L1	L2	W1	W2	H1
B037/BS37	89.1	35.0	30.3	79.3	25.3	72.8	85.9	18.7	31.9	24.8
B013/BS13	114.5	63.6	30.3	104.5	54.2	98.3	111.5	47.7	60.9	24.7
B025/BS25	114.7	89.7	55.1	104.4	79.6	98.4	111.5	73.0	86.2	49.3
B015/BS15	114.4	63.7	55.1	104.6	54.2	98.3	111.5	47.6	60.8	49.3

B019/BS19, B033/BS33

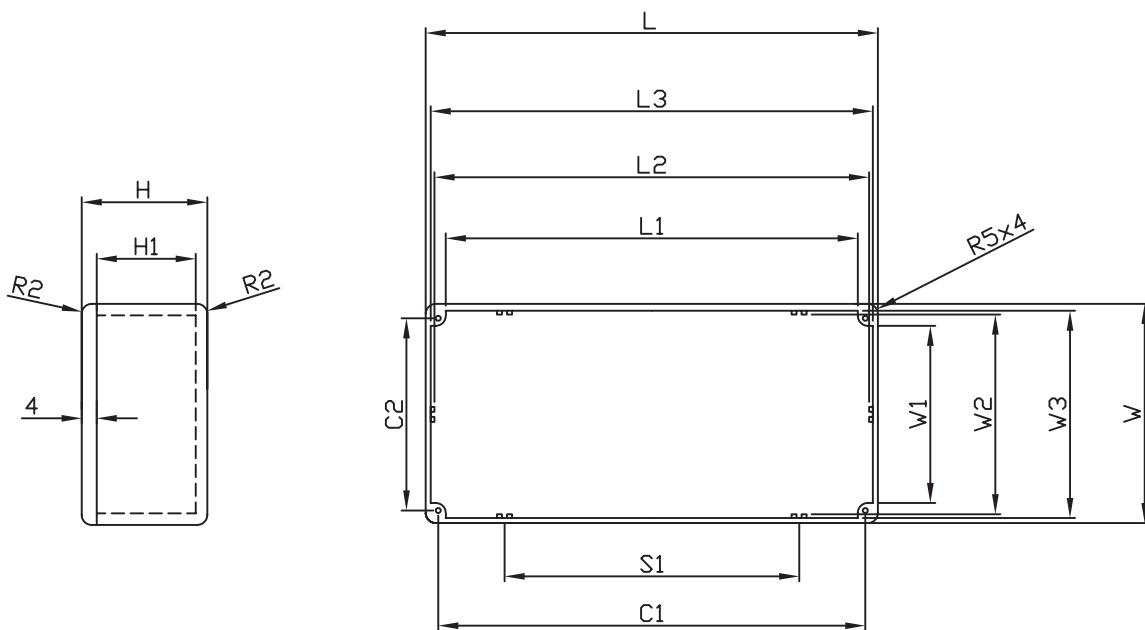


Gainta Item No.	L	W	H	C1	C2	S1	L1	L2	L3	W1	W2	W3	C3	H1
B019/BS19	275.0	175.0	65.5	264.1	164.0	132.2	258.2	267.3	271.2	157.4	166.2	170.8	132.1	58.6
B033/BS33	165.8	127.3	76.3	154.0	116.1	77.1	147.6	157.9	162.2	109.4	119.4	123.8	77.1	70.1

B021/BS21

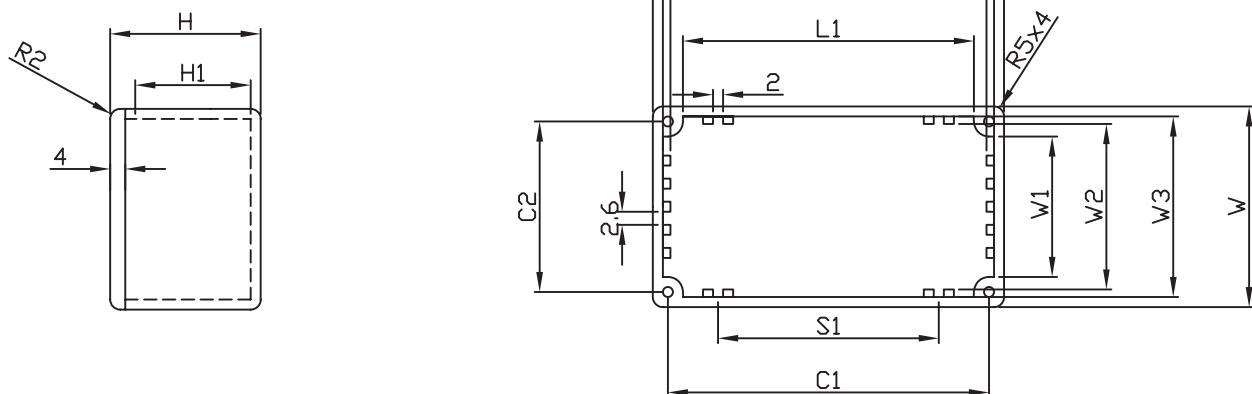


B023/BS23, B029/BS29



Gainta Item N <small>O</small> .	L	W	H	C1	C2	S1	L1	L2	L3	W1	W2	W3	H1
B029/BS29	139.1	101.5	76.7	128.7	90.7	64.8	121.8	130.9	135.0	83.9	93.3	97.5	69.8
B023/BS23	119.9	100.0	35.7	108.5	88.4	50.1	101.9	112.2	116.5	81.8	91.9	96.1	29.2

B031/BS31, B035/BS35



Gainta Item N <small>O</small> .	L	W	H	C1	C2	S1	L1	L2	L3	W1	W2	W3	H1
B031/BS31	79.9	54.9	25.5	70.5	45.4	40.0	64.0	73.8	76.8	38.7	48.8	51.7	19.7
B035/BS35	60.0	54.9	30.0	50.6	45.4	30.0	43.8	54.0	56.9	38.9	48.8	51.8	24.6

IP66 DIE-CAST ALUMINIUM ENCLOSURES



PRODUCT INFORMATION

- Material: aluminium alloy ADC-12 to Japan (JIS)
- Finish: natural aluminium color.
- Tapped holes on the body to seize the cover easily.
- M3.5 countersunk stainless screws are included to seize the cover and the body.
- Mounting flange is designed on the bottom of the body, so that it can be mounted on the wall easily.
- IP66 Rating of aluminium boxes are available for ordering.

Example



B011MF

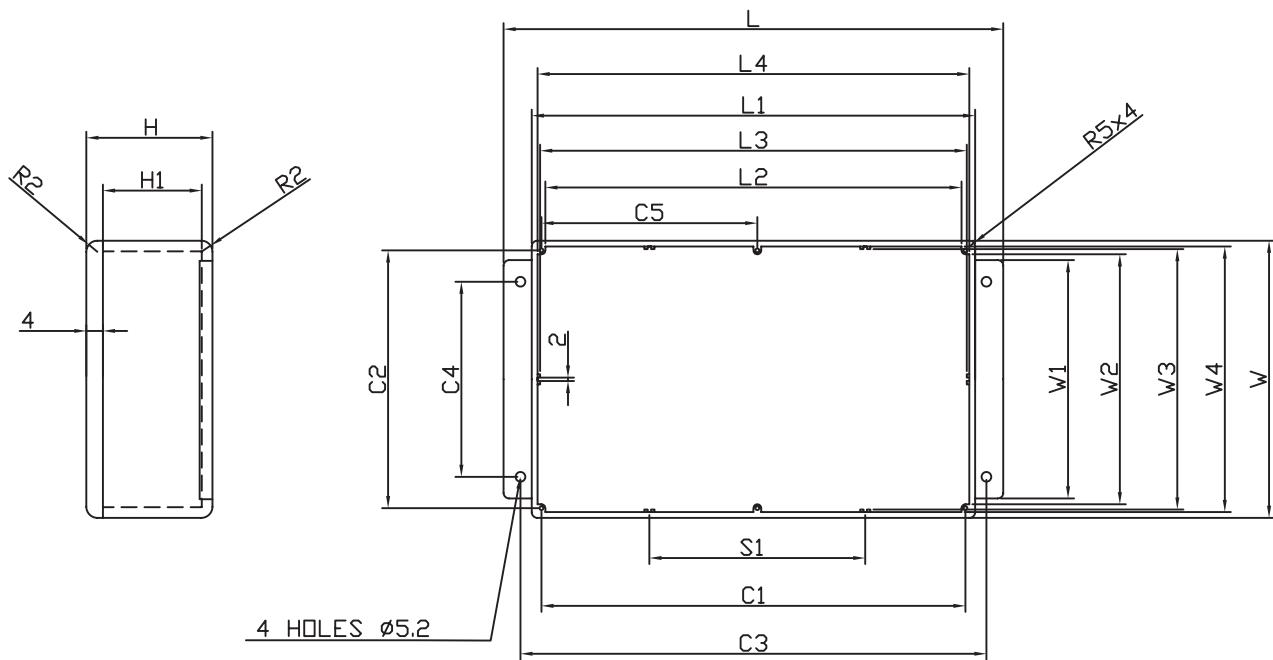


BS37MF

NO SEAL (without adhesive seal)	IP66 RATING (with adhesive seal)	EXTERNAL DIMENSION(mm)
ITEM No.	ITEM No.	
B011MF	BS11MF	222 x 146 x 55
B013MF	BS13MF	114 x 64 x 30
B015MF	BS15MF	114 x 64 x 55
B023MF	BS23MF	120 x 100 x 35
B025MF	BS25MF	114 x 90 x 55
B027MF	BS27MF	171 x 121 x 55
B029MF	BS29MF	140 x 100 x 75
B033MF	BS33MF	165 x 127 x 75
B037MF	BS37MF	89 x 35 x 30
B039MF	BS39MF	171 x 121 x 106

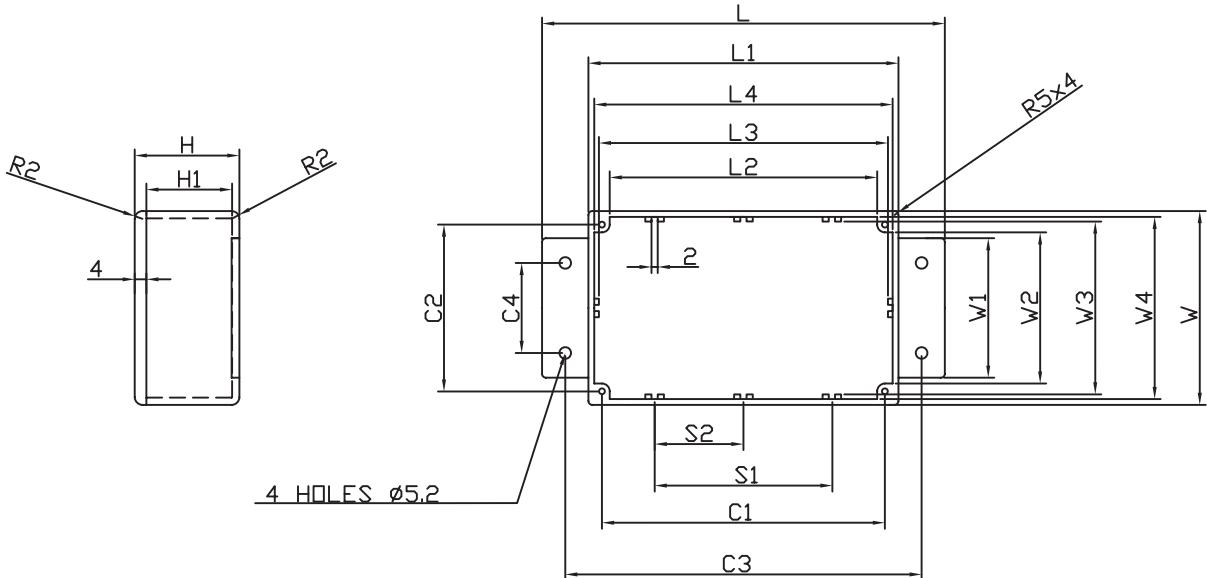
LIGHT GREY(LG), BLACK(BK) OF POWDER COATED ALUMINIUM ENCLOSURES ARE AVAILABLE FOR ORDERING . JUST NEED TO ADD THE COLOR CODE AFTER THE ITEM NO.
Ex: B011MFLG, B013MFBK

B011MF/BS11MF, B027MF/BS27MF, B033MF/BS33MF, B039MF/BS39MF



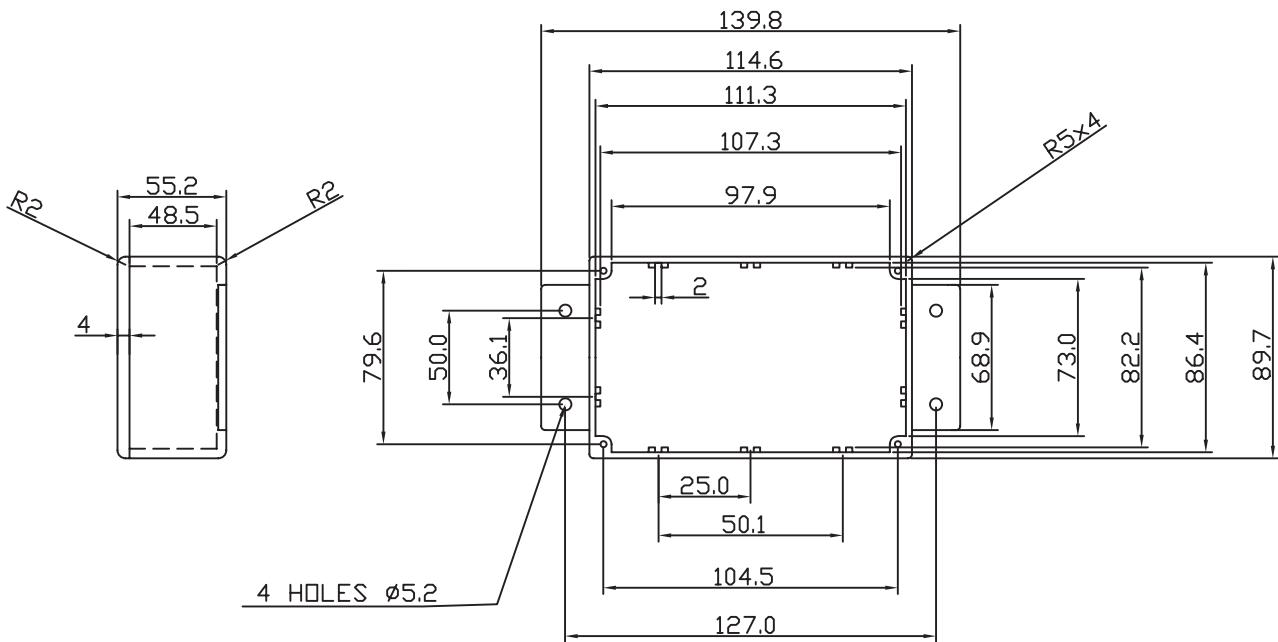
Gaiuta Item NO.	L	L1	W	W1	H	C1	C2	C3	C4	S1	L2	L3	L4	W2	W3	W4	C5	H1
B027MF/BS27MF	201.7	171.9	121.2	100.1	55.3	160.6	109.5	189.0	80.0	80.0	154.2	163.6	168.9	103.1	112.4	117.8	80.3	48.4
B039MF/BS39MF	201.7	171.9	121.2	100.2	105.4	160.6	109.5	188.9	80.0	80.0	154.3	163.4	168.7	103.2	112.2	117.7	80.3	99.2
B011MF/BS11MF	252.0	222.3	146.1	117.7	55.5	211.7	135.6	238.0	98.0	100.1	205.9	213.7	218.6	129.2	137.8	142.0	105.8	48.9
B033MF/BS33MF	194.8	165.6	127.4	100.0	76.3	154.1	116.1	182.2	80.0	78.0	147.5	157.4	162.3	109.7	118.8	124.0	77.2	69.8

B013MF/BS13MF, B015MF/BS15MF

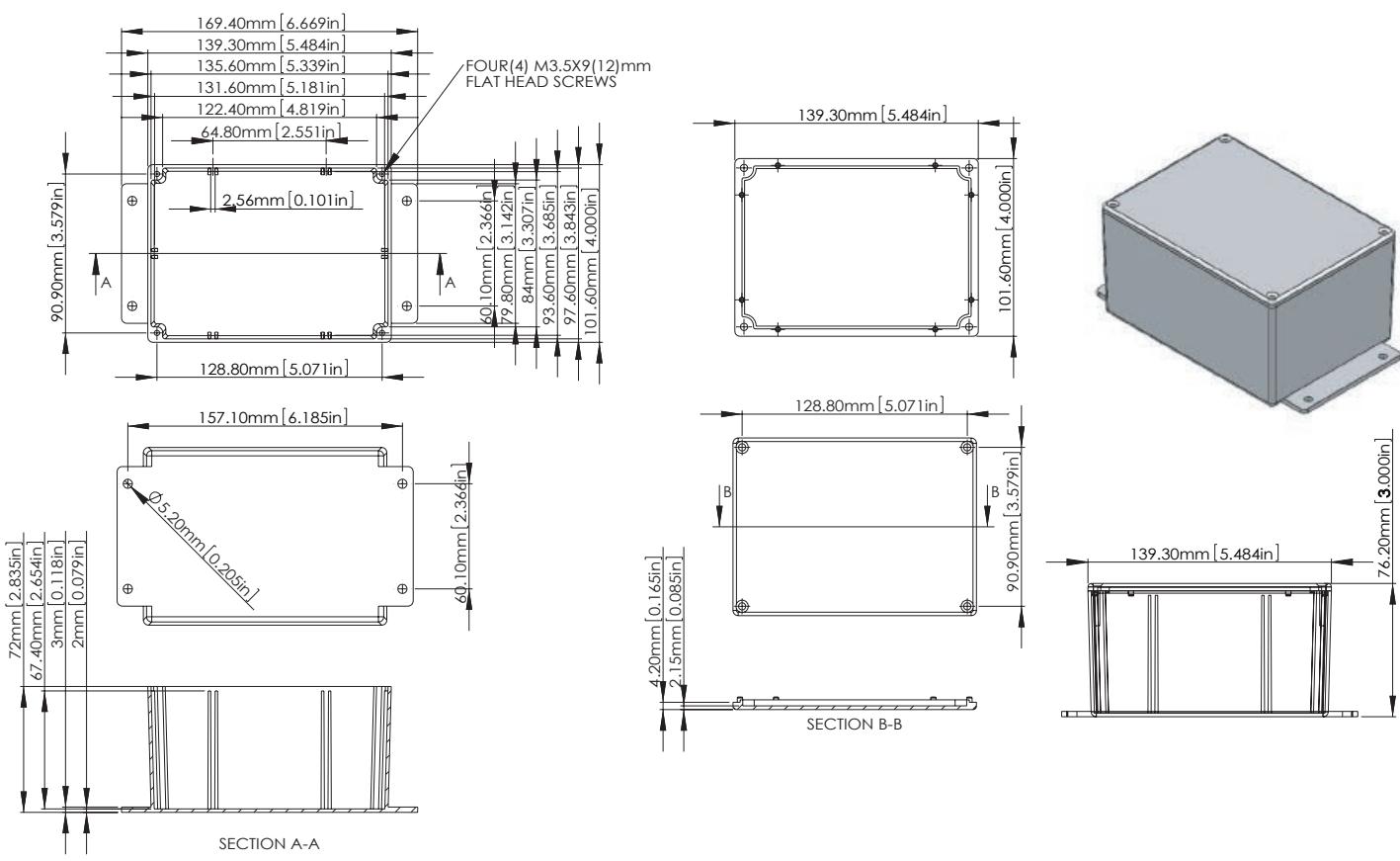


Gaiuta Item NO.	L	L1	W	W1	H	C1	C2	C3	C4	S1	S2	L2	L3	L4	W2	W3	W4	H1
B013MF/BS13MF	139.7	114.6	63.8	44.7	30.0	104.5	54.2	127.0	30.0	60.1	30.0	98.1	107.3	111.4	47.6	56.6	60.6	24.4
B015MF/BS15MF	139.6	114.6	63.8	44.9	55.0	104.6	54.3	127.1	30.0	60.1	30.0	98.1	107.3	111.4	47.5	56.5	60.7	49.1

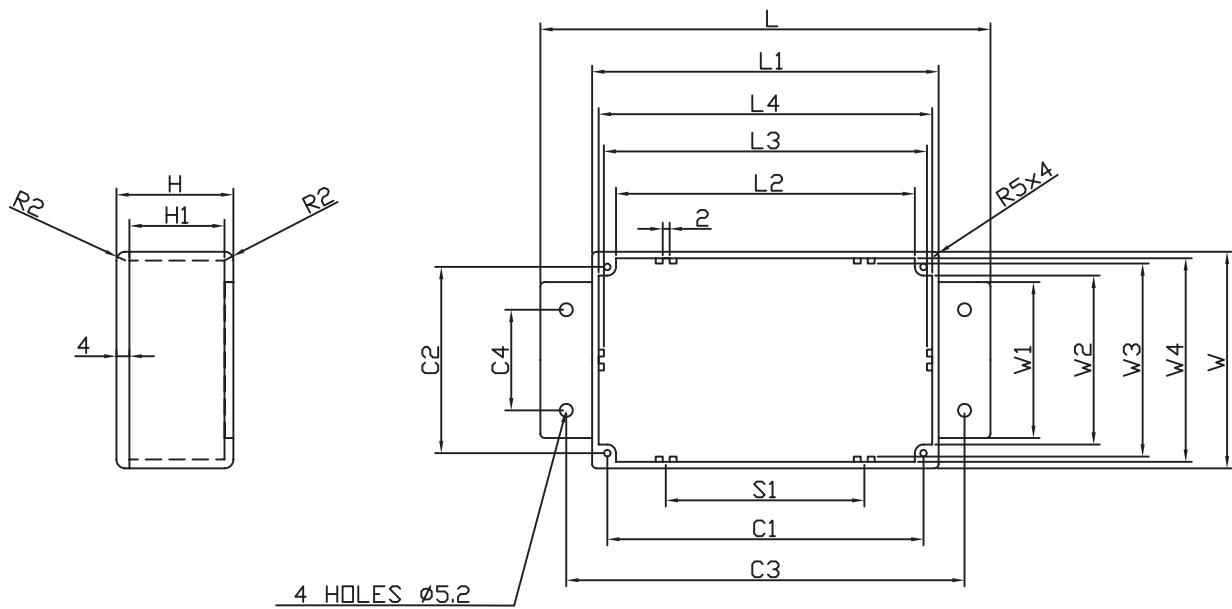
B025MF/BS25MF



B029MF/BS29MF

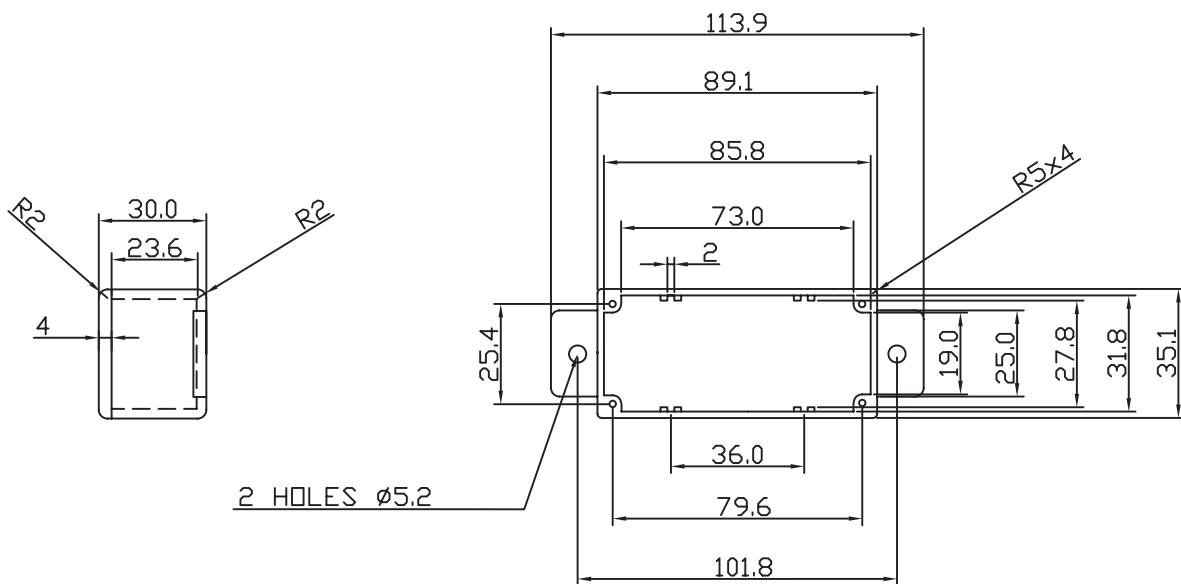


B023MF/BS23MF



Gaiuta Item NO.	L	L1	W	W1	H	C1	C2	C3	C4	S1	L2	L3	L4	W2	W3	W4	H1
B023MF/BS23MF	149.8	120.1	100.2	80.0	35.6	108.2	88.3	137.0	60.0	45.2	101.8	112.2	116.5	81.9	91.7	95.9	28.8

B037MF/BS37MF



IP65 and IP67 DIE-CAST ALUMINIUM ENCLOSURES



PRODUCT INFORMATION

- MATERIAL: Aluminium alloy ADC-12 to Japan (JIS)
- Finish: Natural aluminium color.
- Designed to meet IP65 / IP67 through the use of neoprene gasket with the universal tongue and groove seal system.
- Wall Mounting holes and lid fixing screws are outside the sealing area for sealing protection.

LIGHT GREY(LG), BLACK(BK) OF POWDER
COATED ALUMINIUM ENCLOSURES ARE
AVAILABLE FOR ORDERING .
JUST NEED TO ADD THE COLOR CODE AFTER
THE ITEM NO.
Ex: G124BK, G102LG



G118BK



G120LG



G104



G104-IP67

IP65 RATING

(with non-continuous gasket)

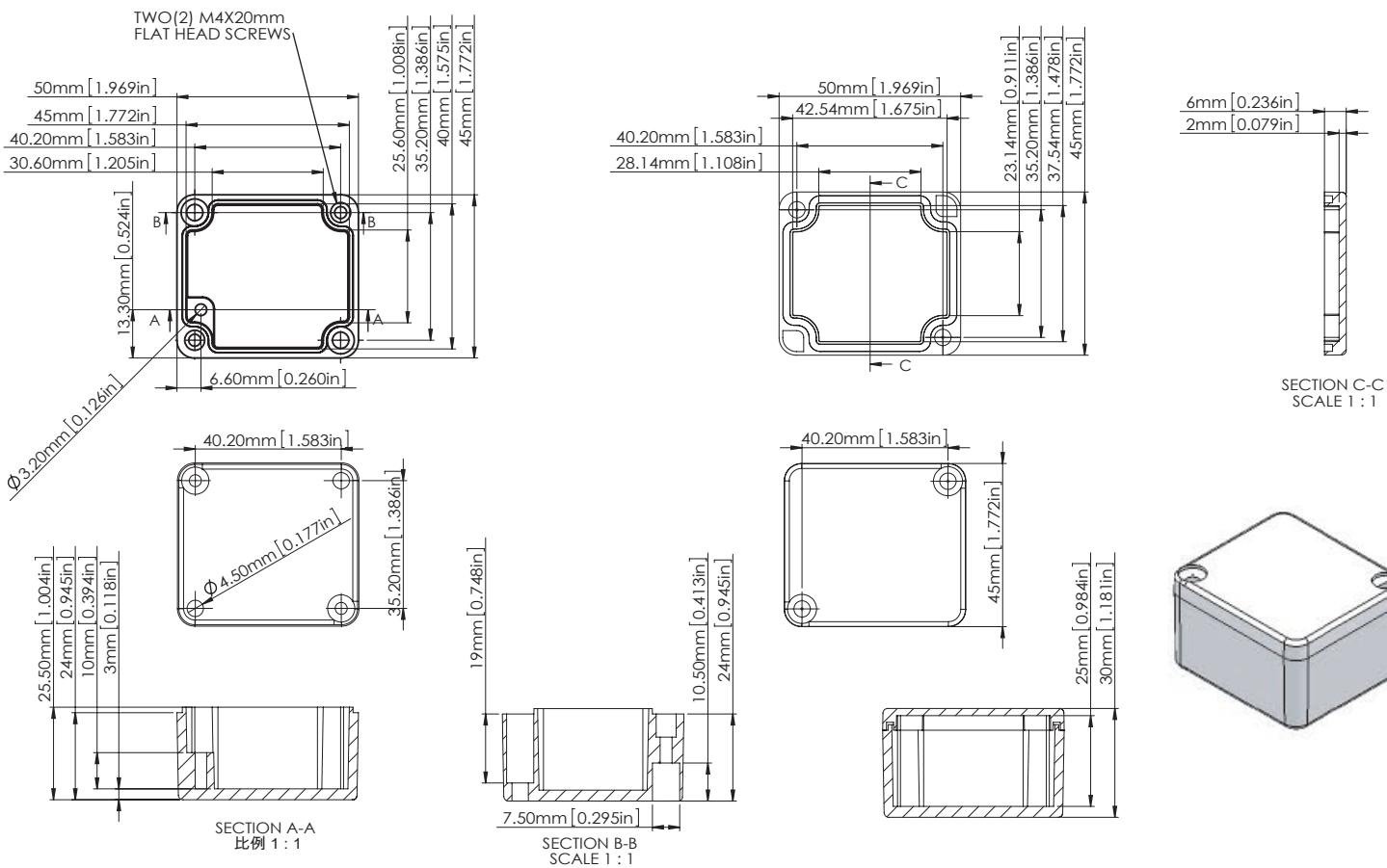
ITEM No.	EXTERNAL DIMENSION(mm)
G101	50 × 45 × 30
G102	90 × 36 × 30
G103	98 × 64 × 34
G104	64 × 58 × 35
G105	55.5 × 41 × 31
G106	115 × 65 × 30
G107	125 × 80 × 40
G108	125 × 80 × 57
G109	150 × 63 × 36.5
G110	79.6 × 74.6 × 52
G111	115 × 65 × 55
G112	175 × 80 × 60
G113	115 × 90 × 55
G115	148 × 108 × 75
G116	160 × 100 × 60
G117	160 × 100 × 81
G118	175 × 80 × 60
G120	171 × 121 × 55
G123	200 × 120 × 75
G124	222 × 146 × 55
G125	222 × 146 × 82
G137	120.5 × 120.5 × 101.5
G139	158.5 × 158.5 × 101.5
G155	260 × 160 × 90.5

IP67 RATING

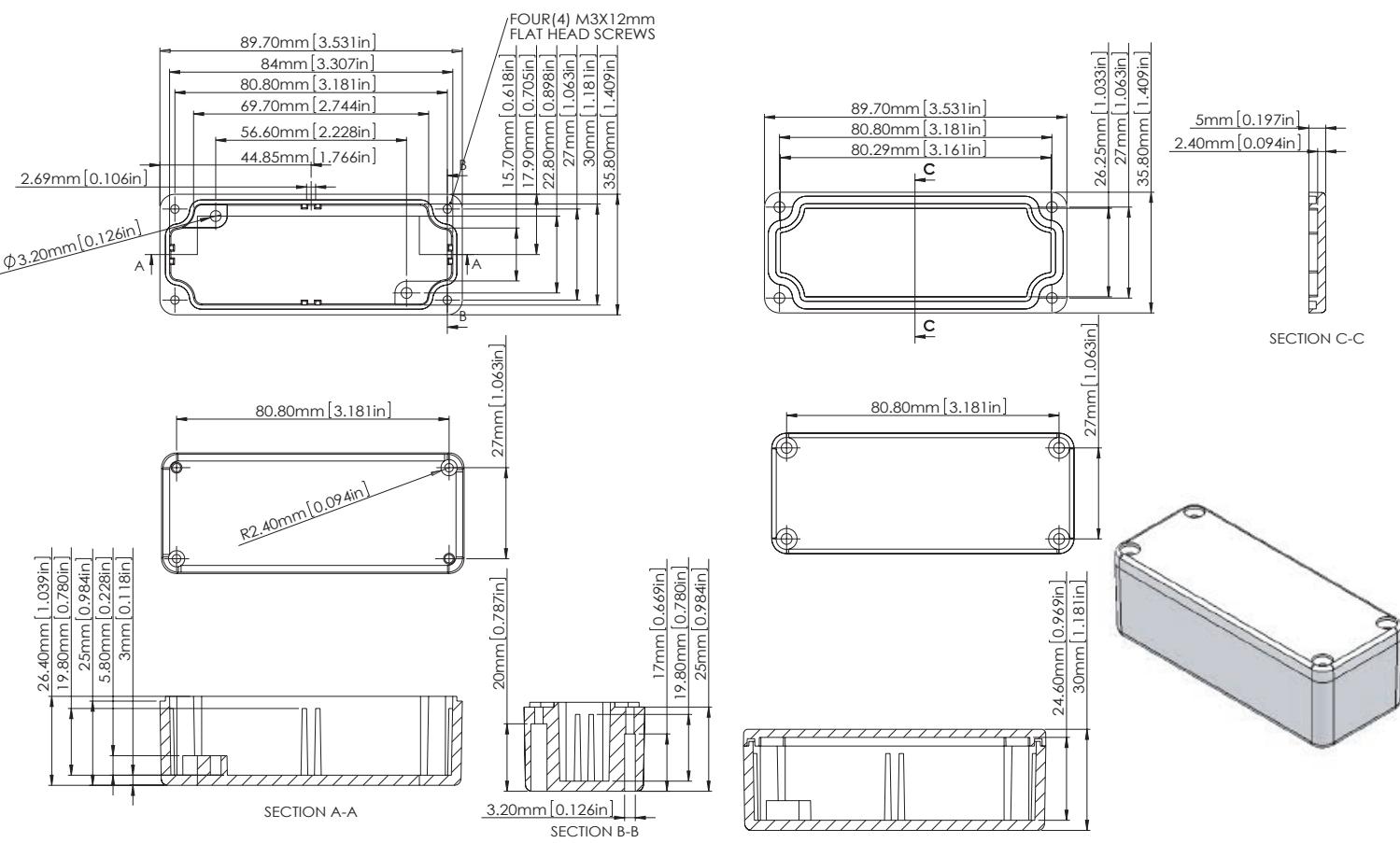
(with continuous seal)

ITEM No.	EXTERNAL DIMENSION(mm)
G101-IP67	50 × 45 × 30
G102-IP67	90 × 36 × 30
G103-IP67	98 × 64 × 34
G104-IP67	64 × 58 × 35
G105-IP67	55.5 × 41 × 31
G106-IP67	115 × 65 × 30
G107-IP67	125 × 80 × 40
G108-IP67	125 × 80 × 57
G109-IP67	150 × 63 × 36.5
G110-IP67	79.6 × 74.6 × 52
G111-IP67	115 × 65 × 55
G112-IP67	102.5 × 52.5 × 25.5
G113-IP67	115 × 90 × 55
G115-IP67	148 × 108 × 75
G116-IP67	160 × 100 × 60
G117-IP67	160 × 100 × 81
G118-IP67	175 × 80 × 60
G120-IP67	171 × 121 × 55
G123-IP67	200 × 120 × 75
G124-IP67	222 × 146 × 55
G125-IP67	222 × 146 × 82
G137-IP67	120.5 × 120.5 × 101.5
G139-IP67	158.5 × 158.5 × 101.5
G155-IP67	260 × 160 × 90.5

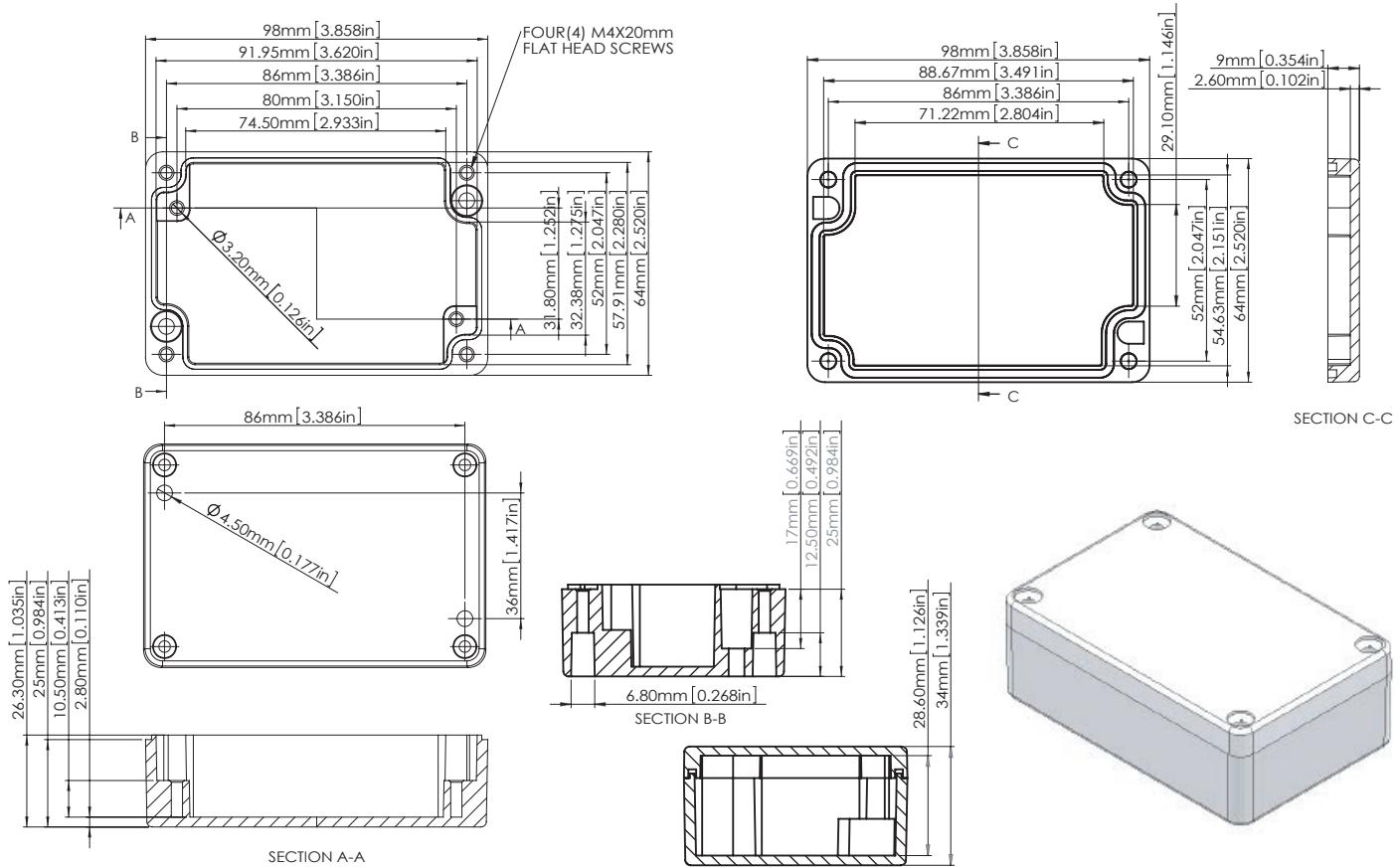
G101



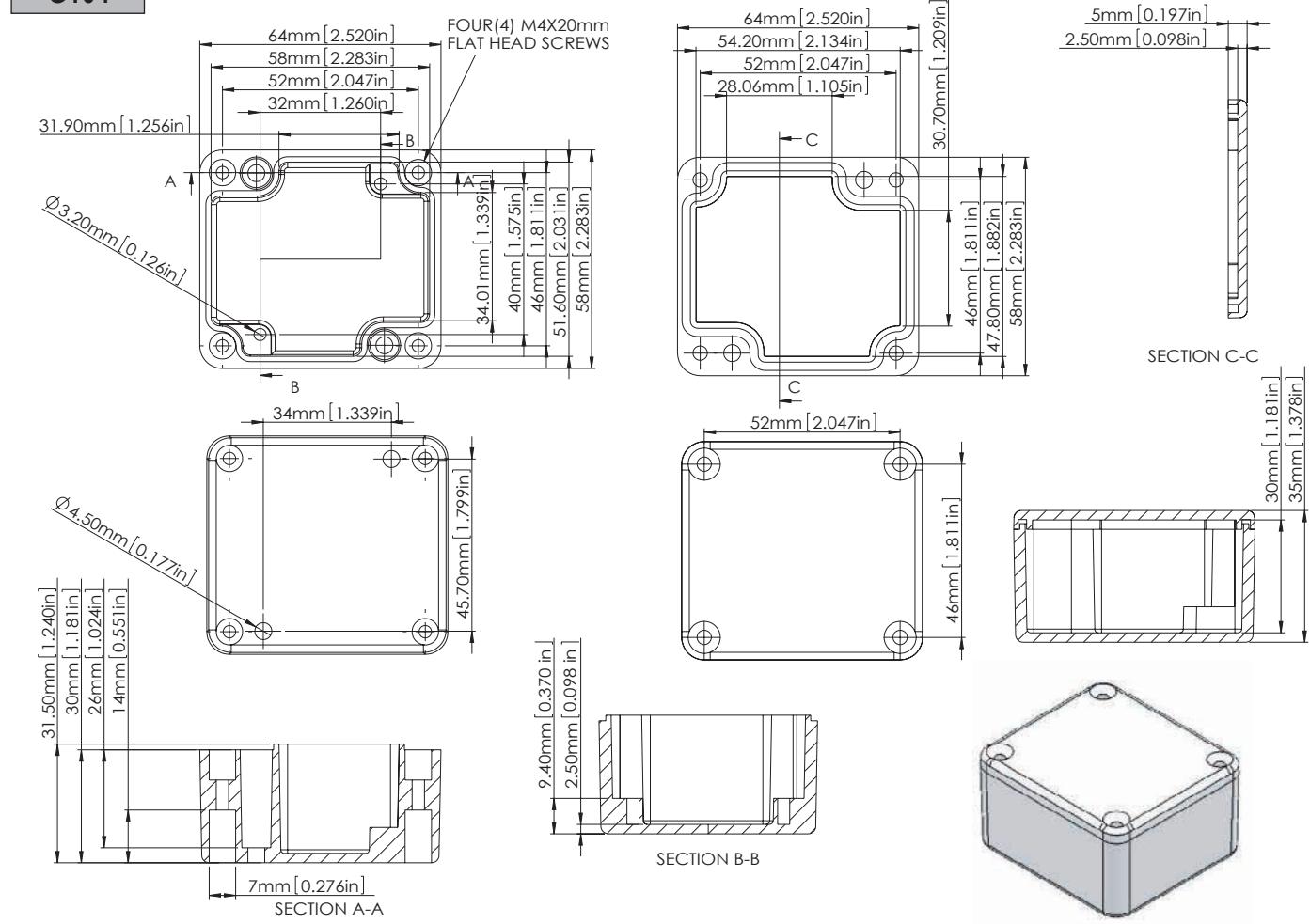
G102



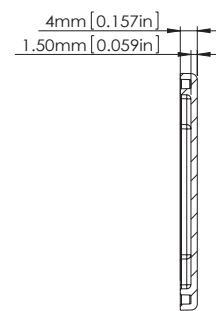
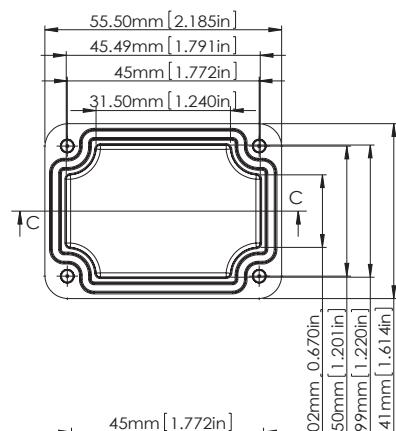
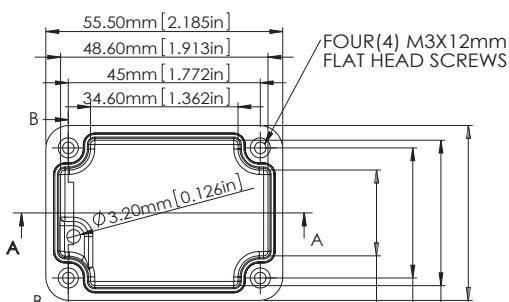
G103



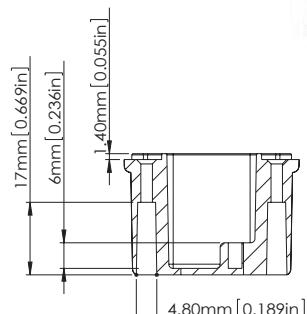
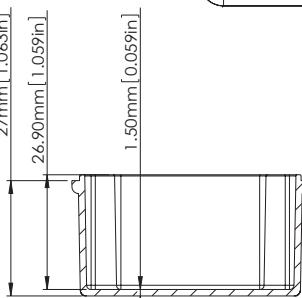
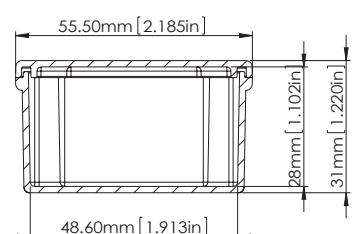
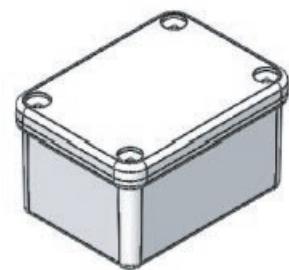
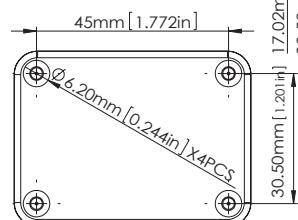
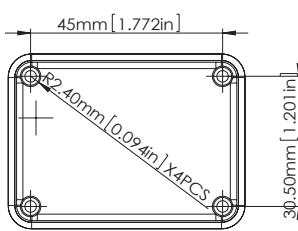
G104



G105

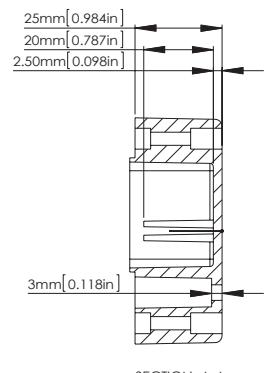
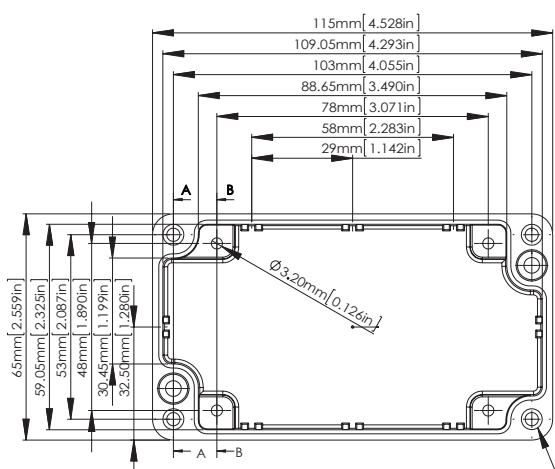


SECTION C-C
SCALE 1 : 1

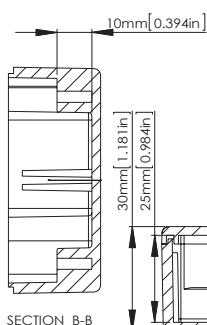
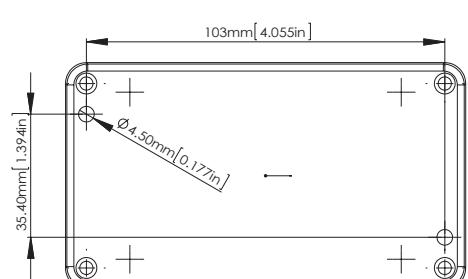
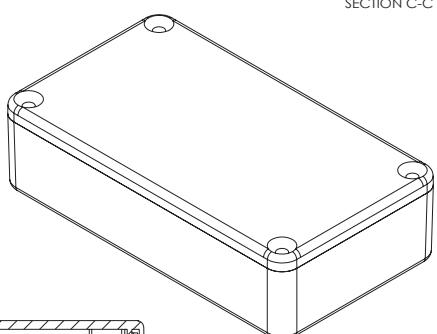


SECTION B-B
SCALE 1 : 1

G106

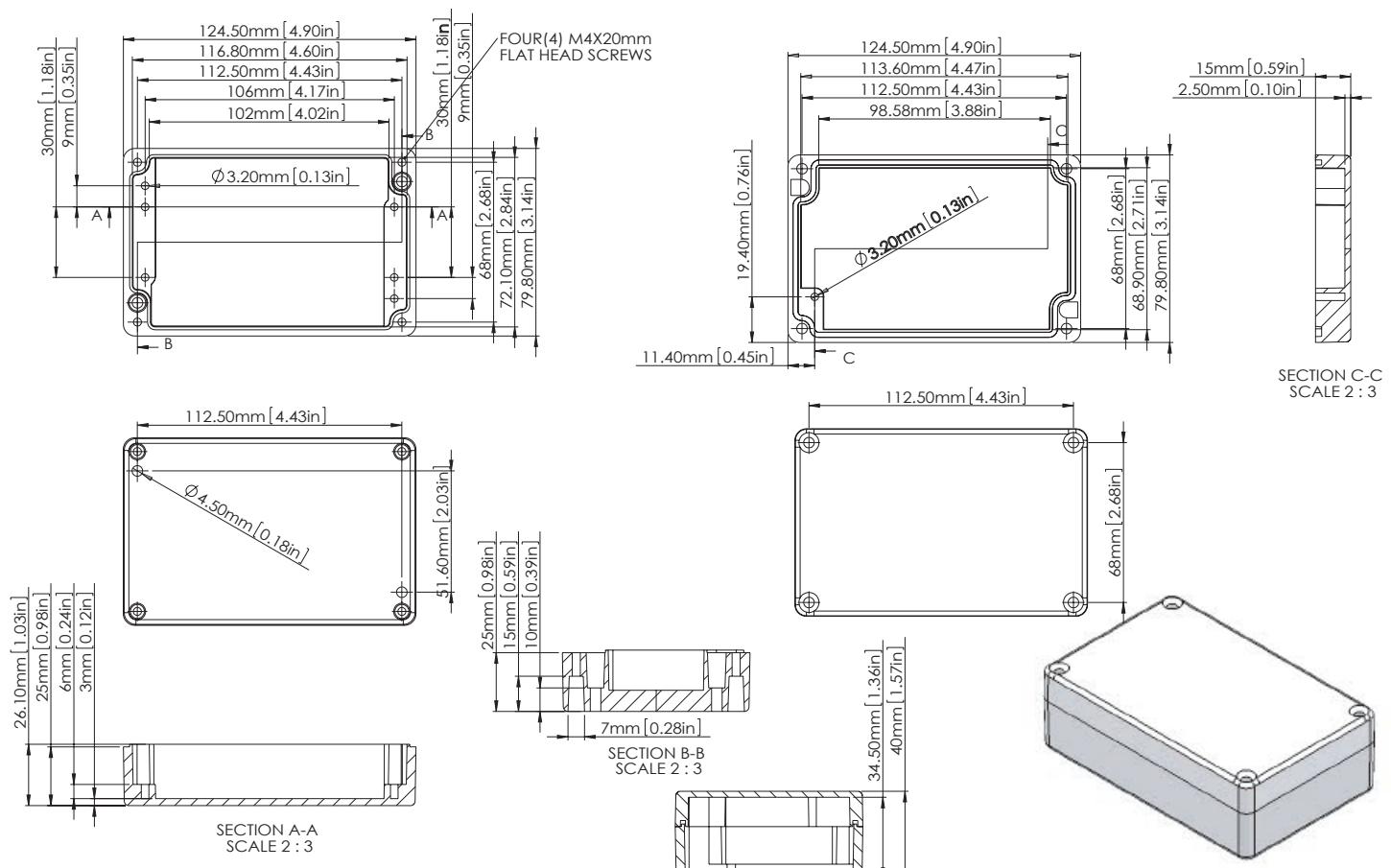


SECTION C-C
SCALE 1 : 1

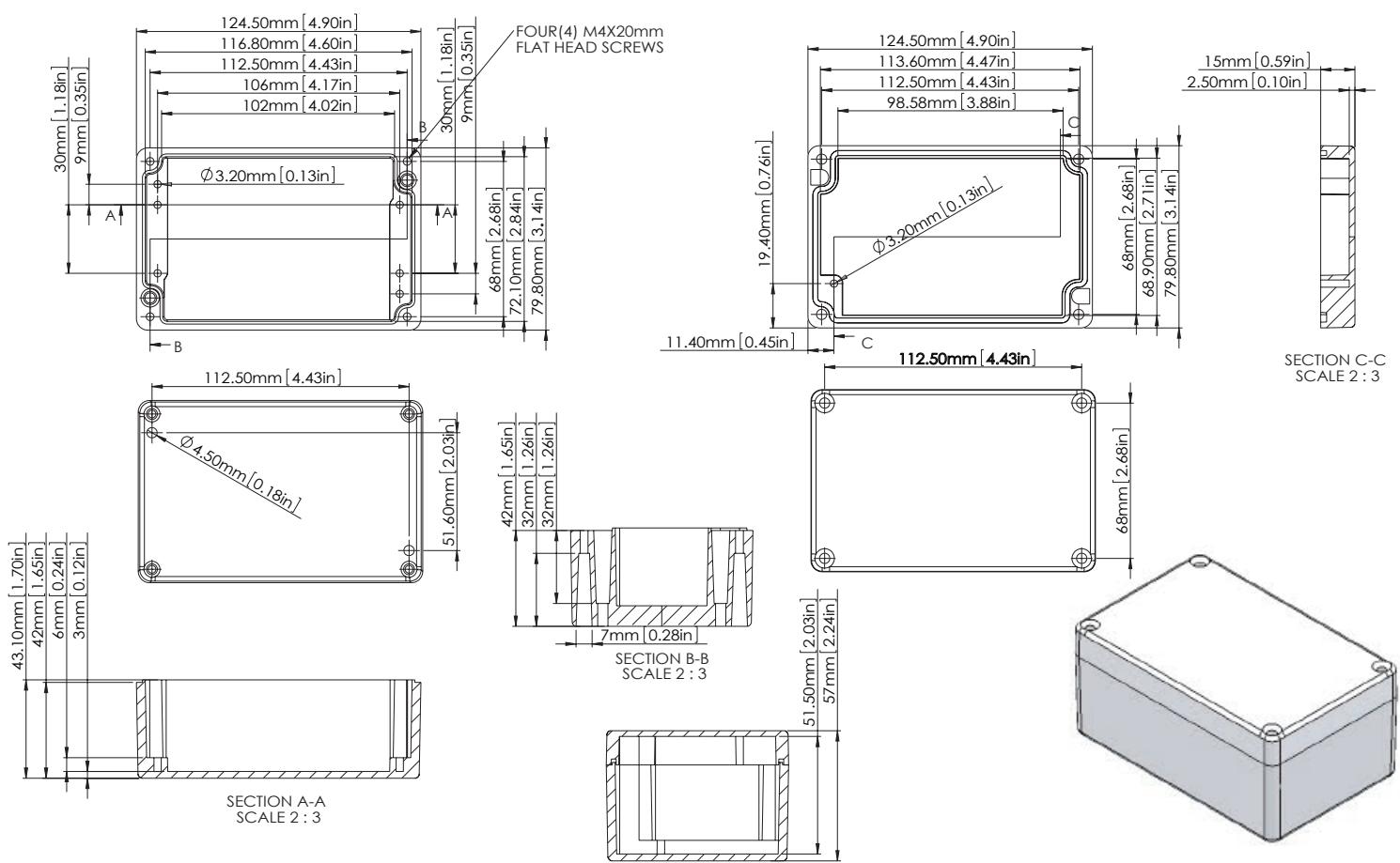


ASSEMBLY

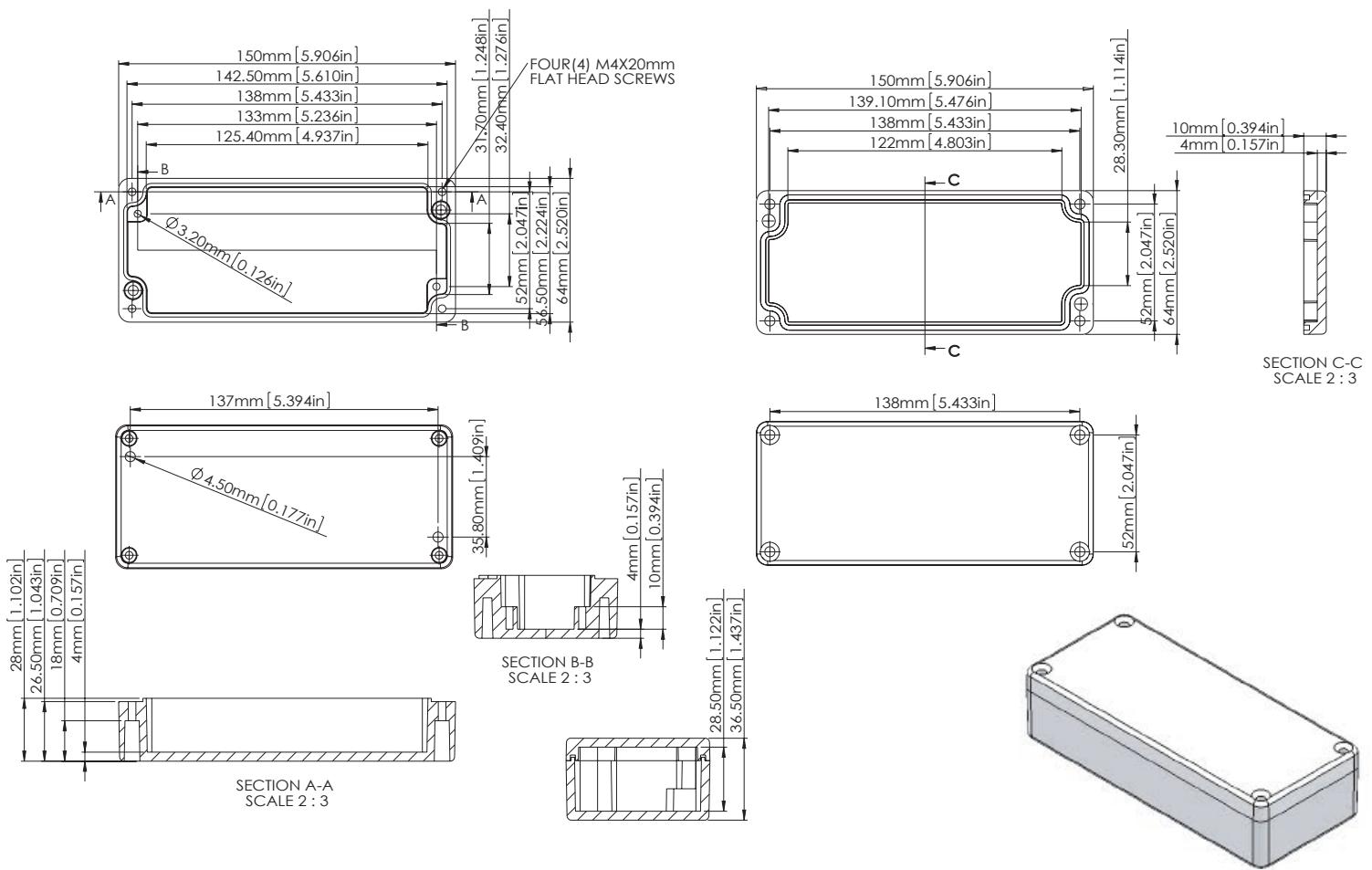
G107



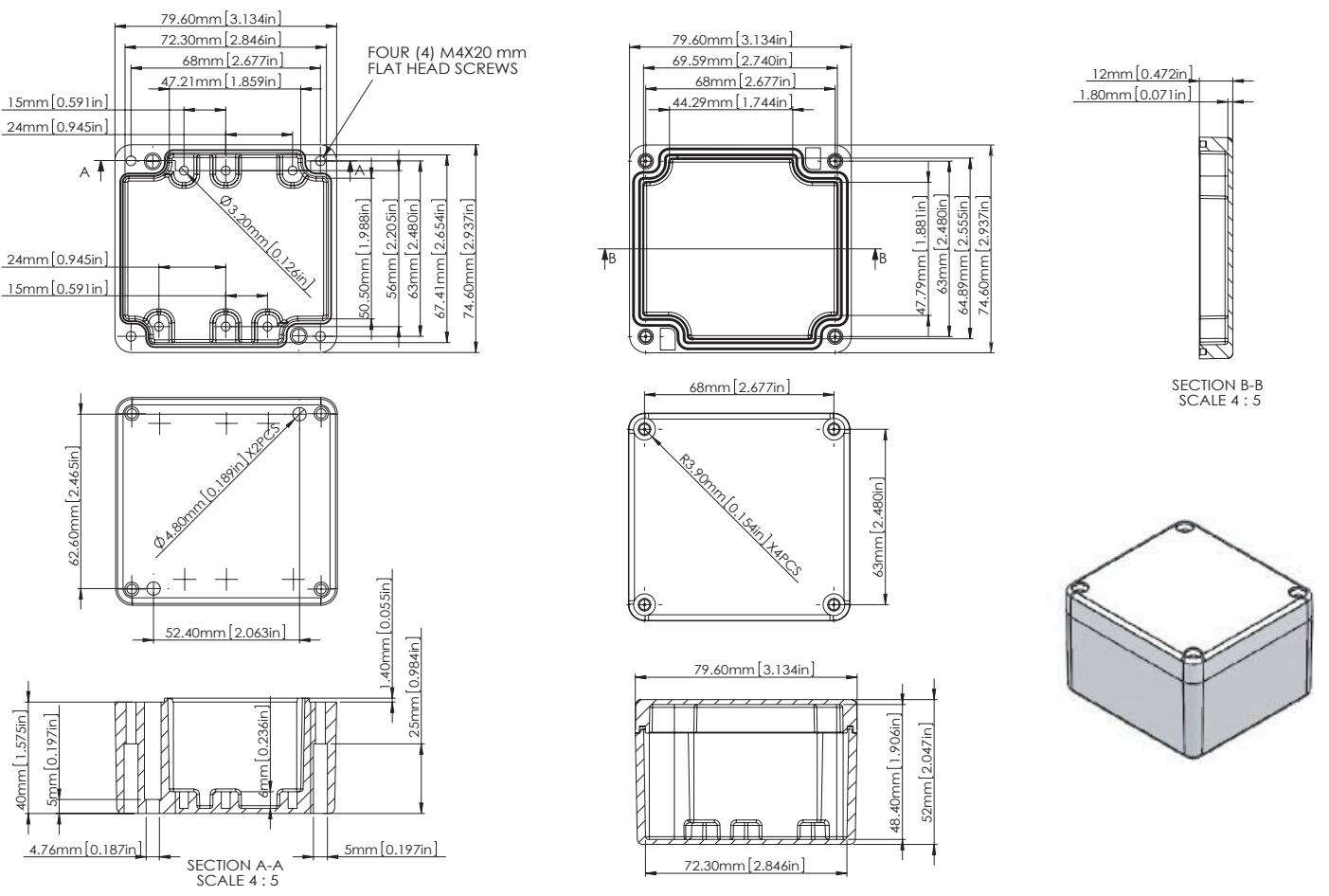
G108



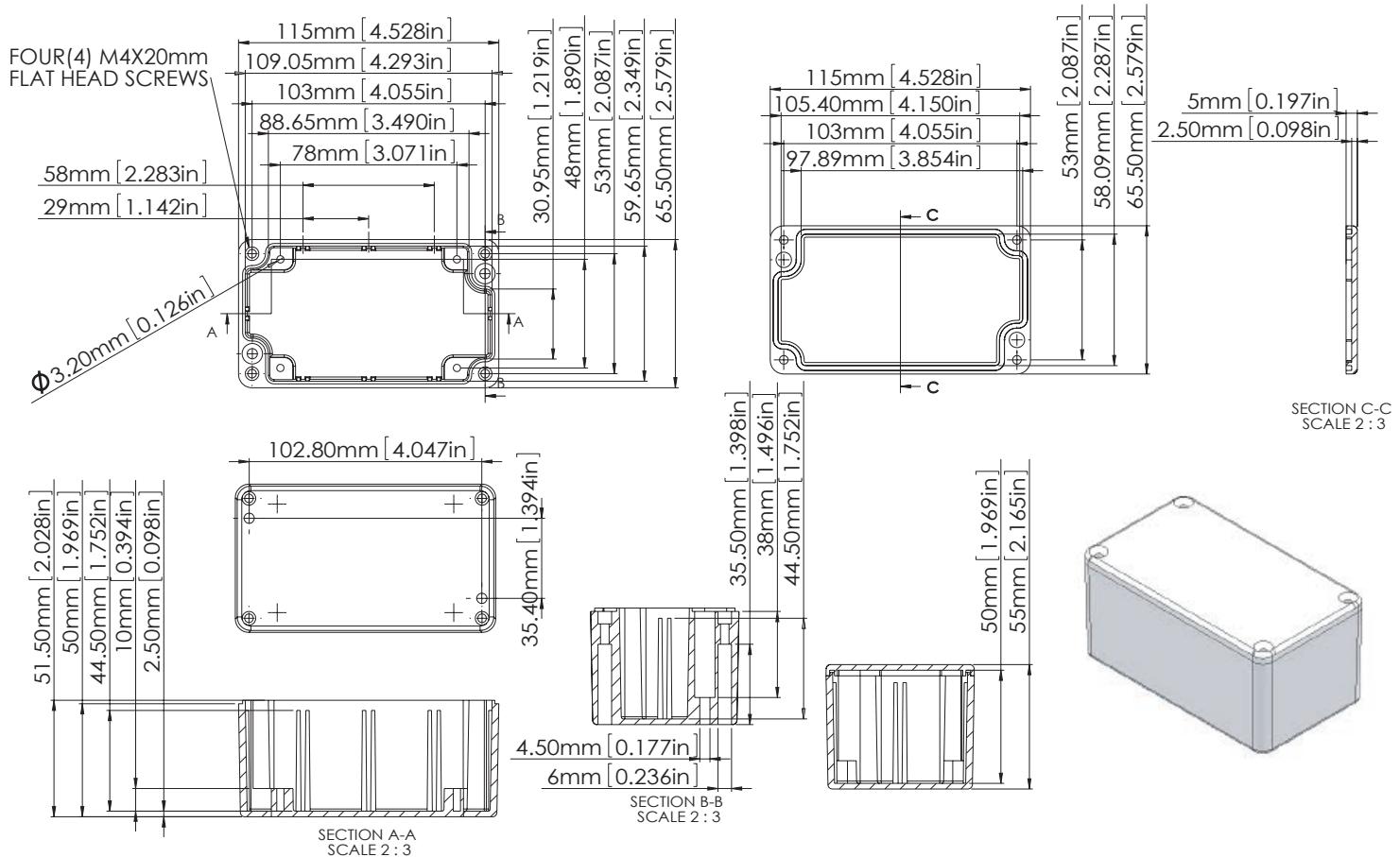
G109



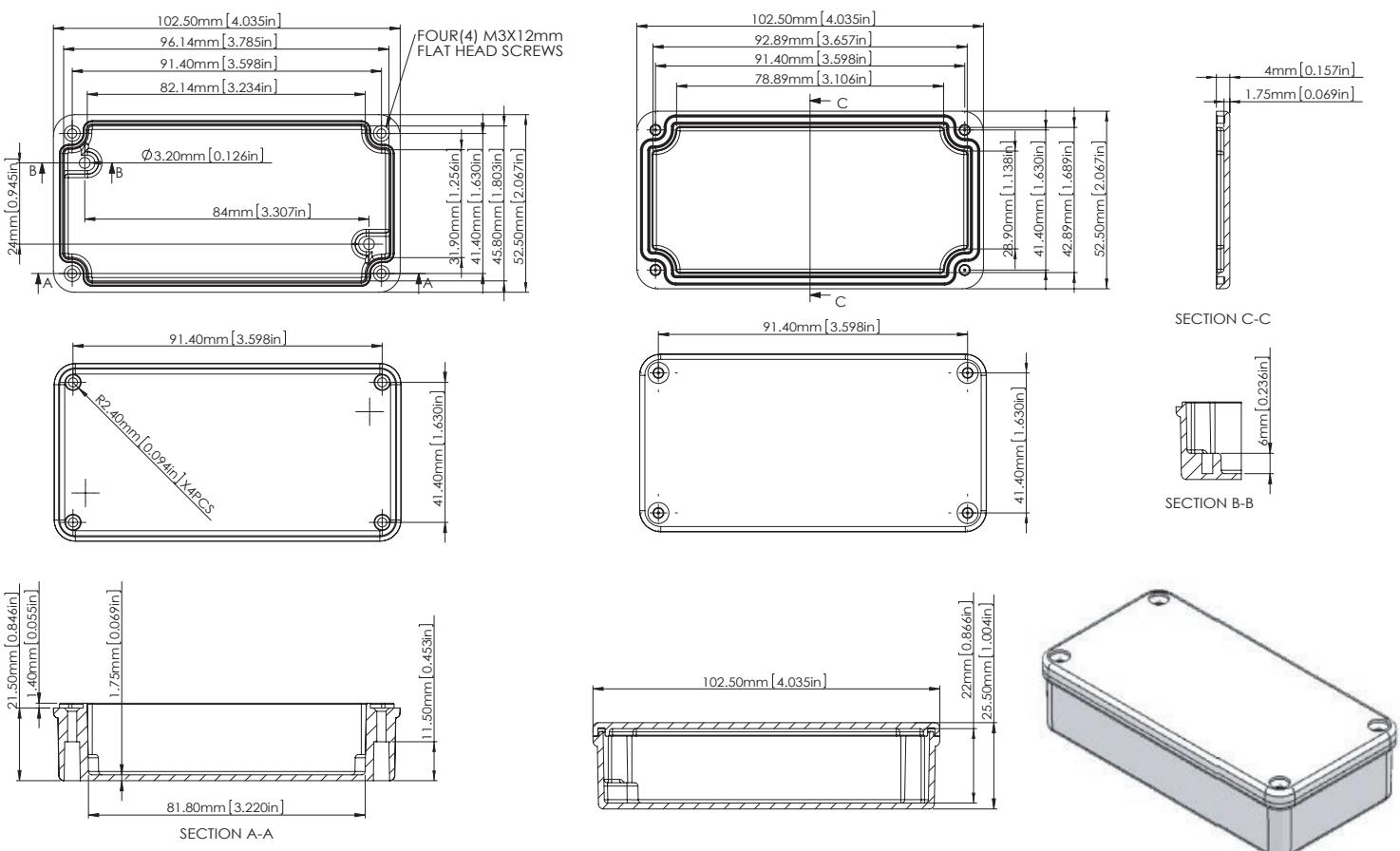
G110



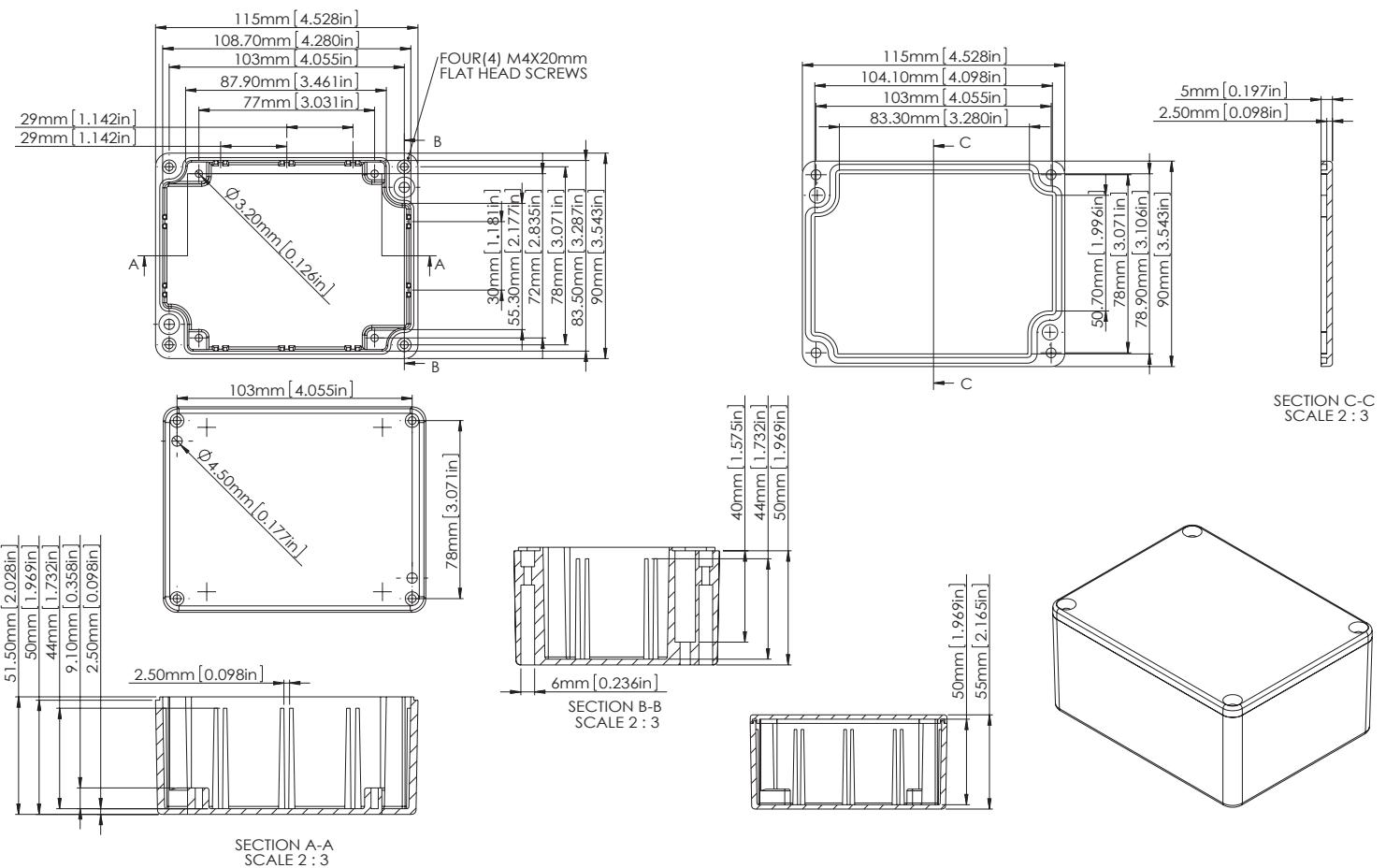
G111



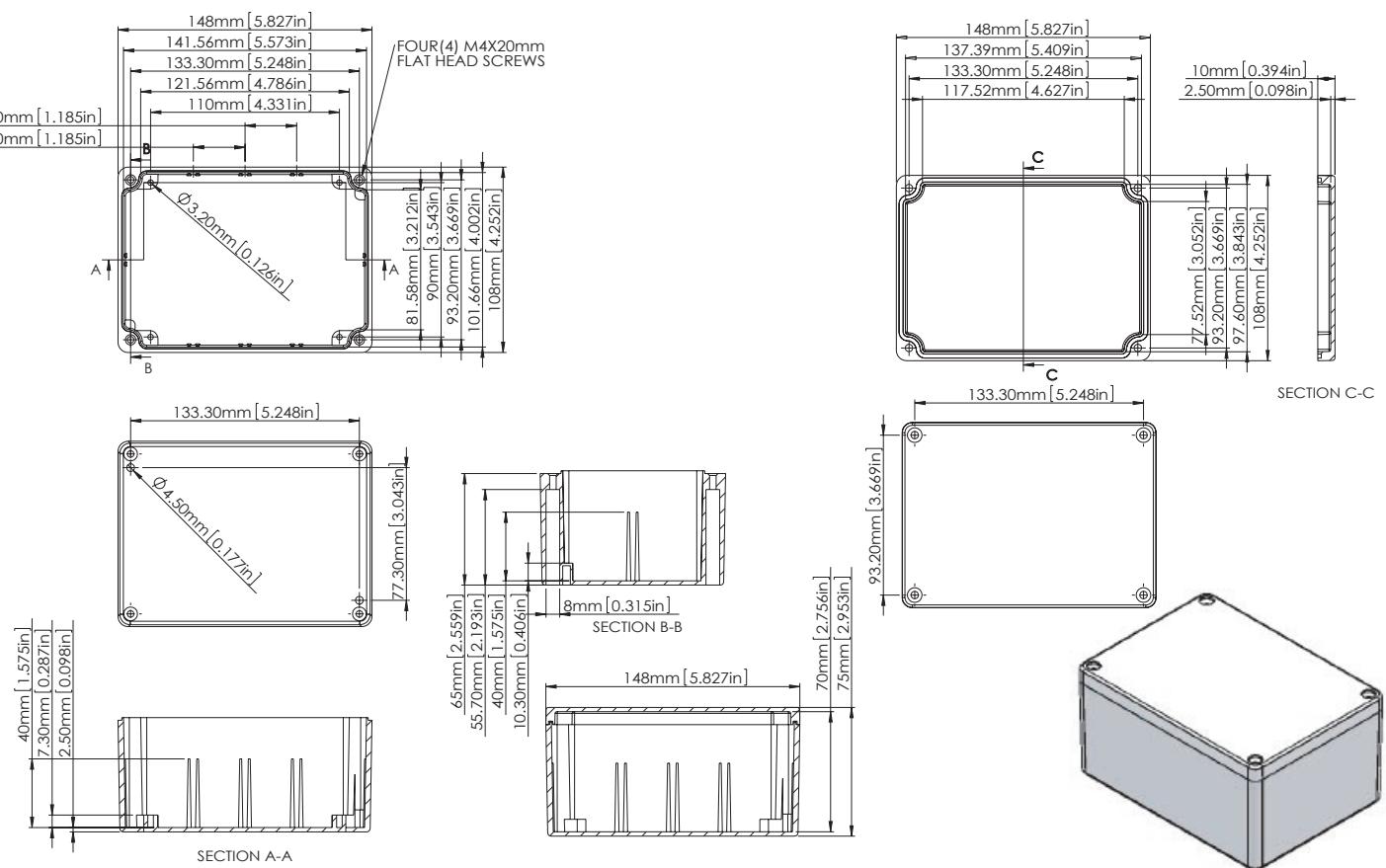
G112



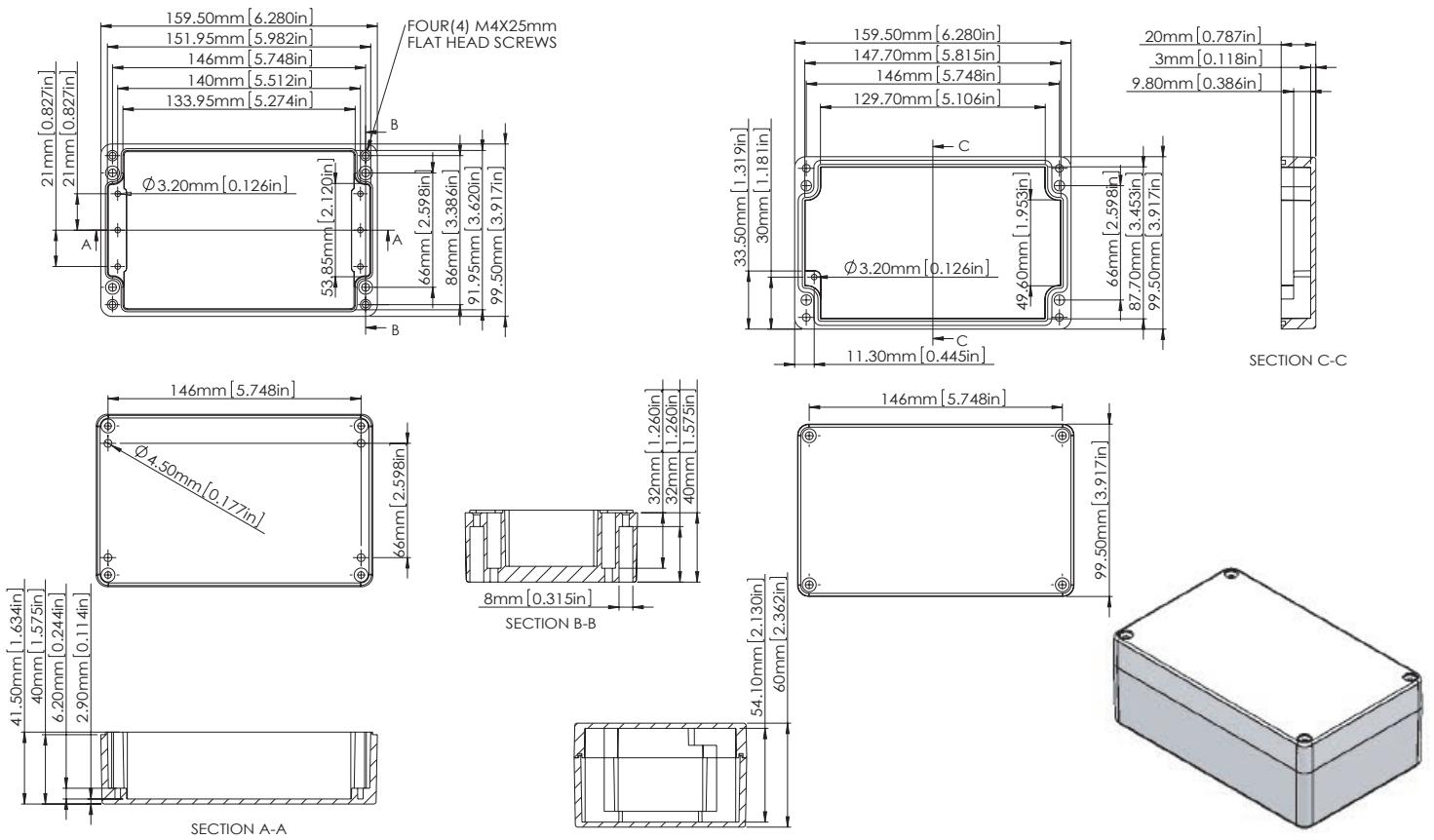
G113



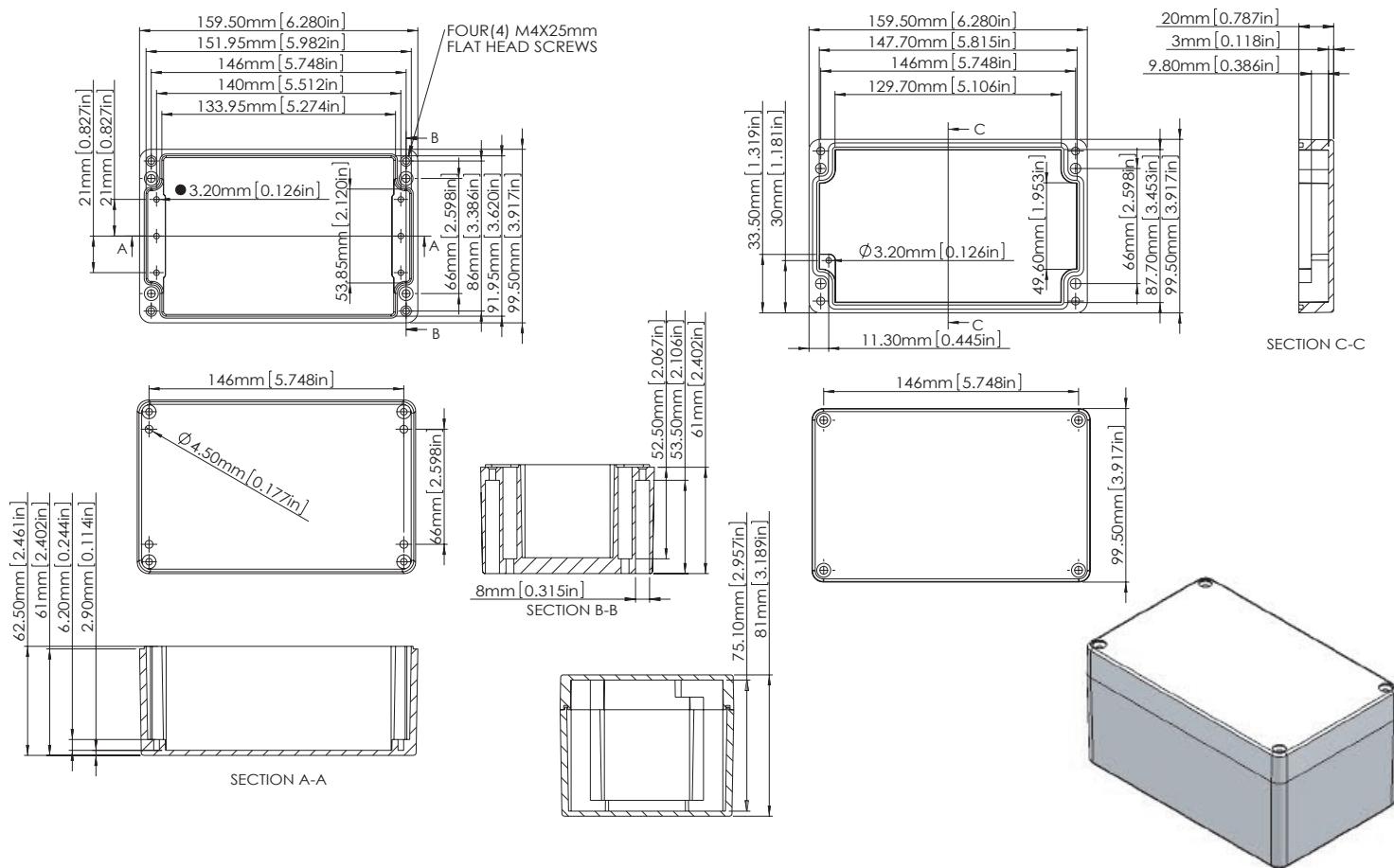
G115



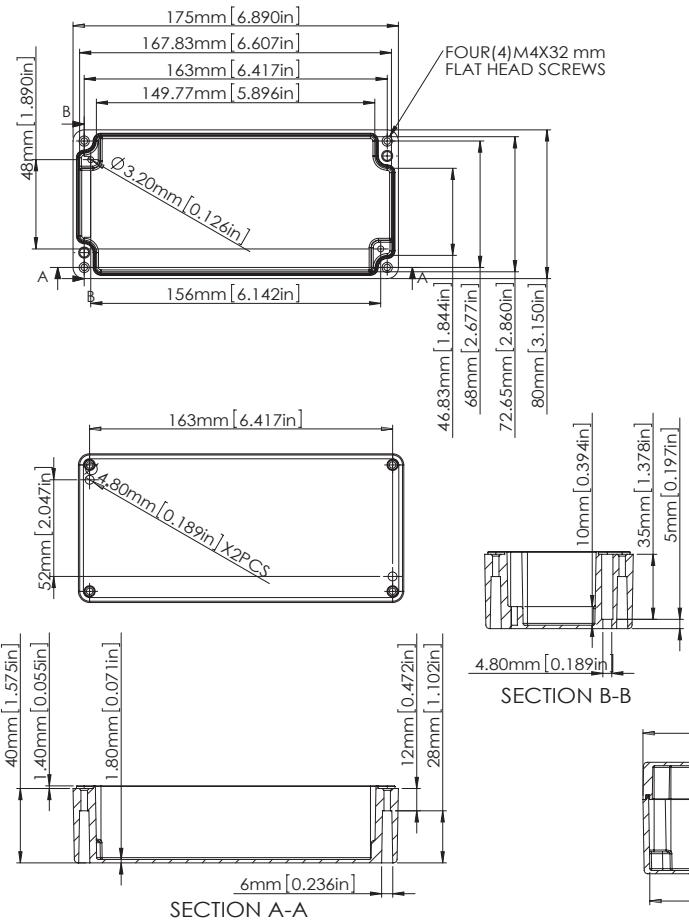
G116



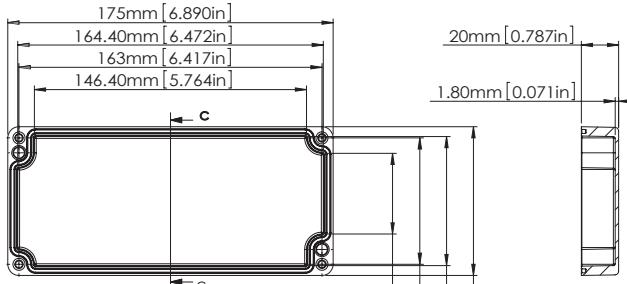
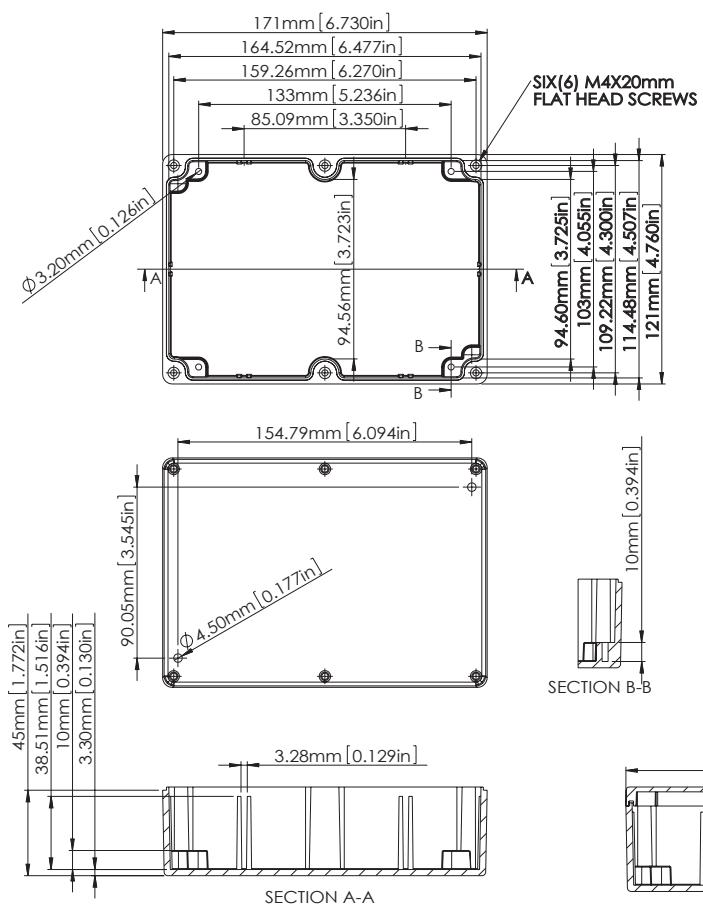
G117



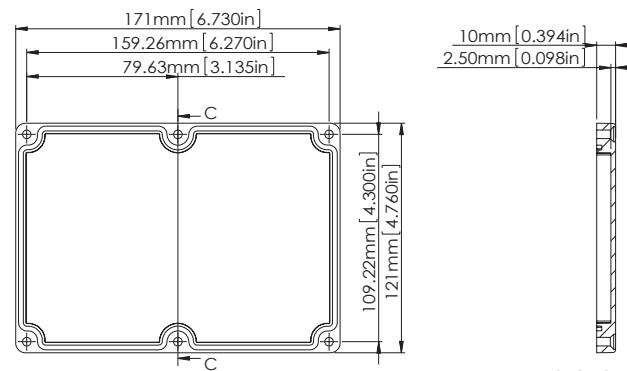
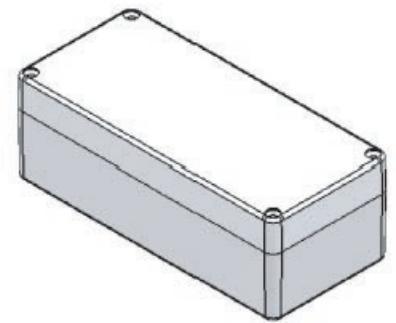
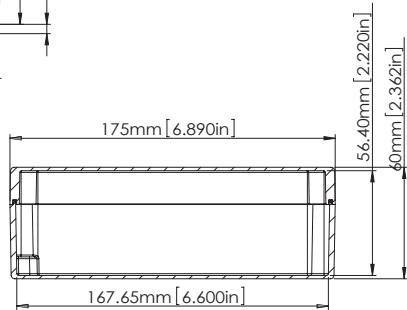
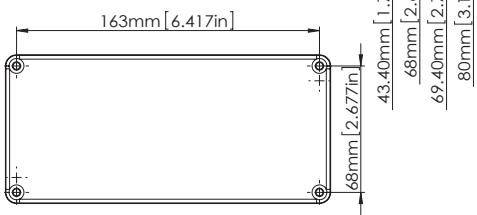
G118



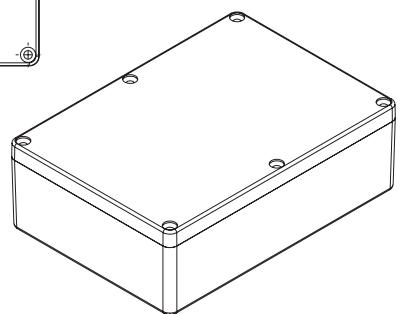
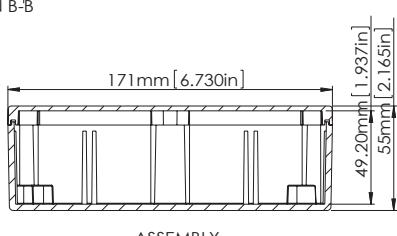
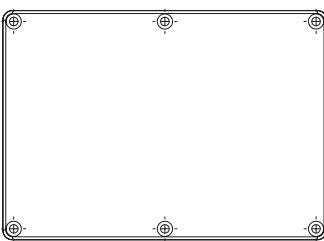
G120



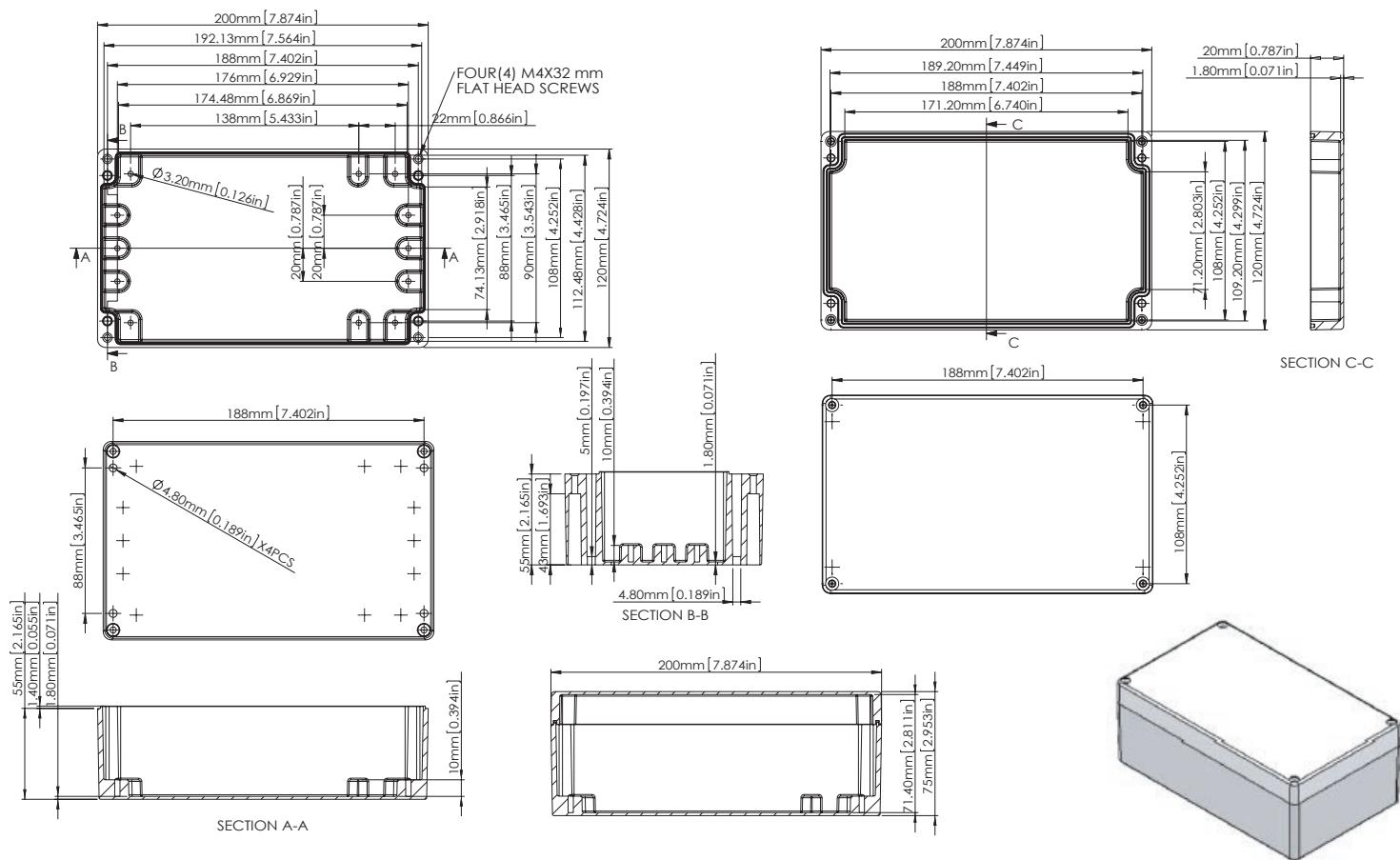
SECTION C-C



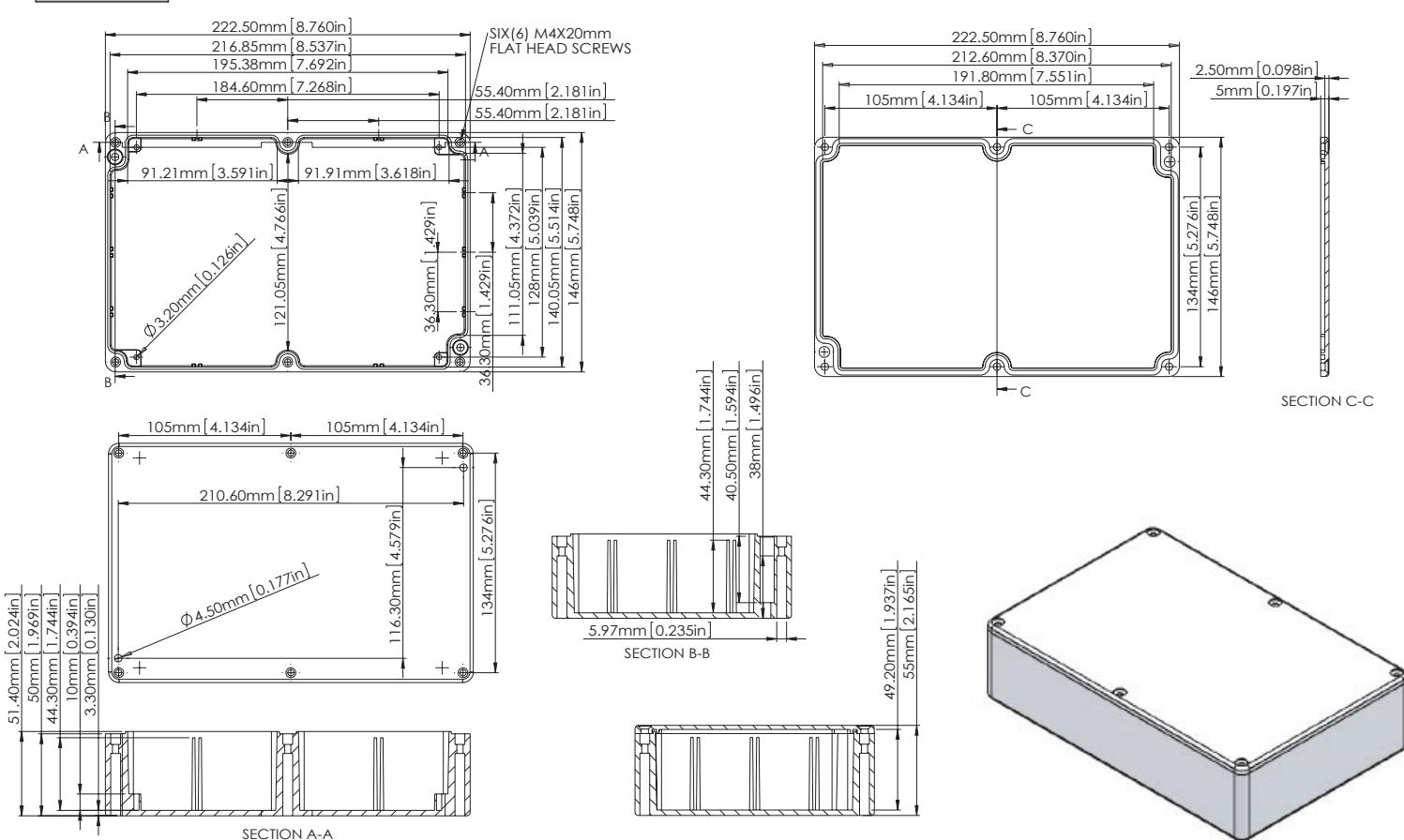
SECTION C-C



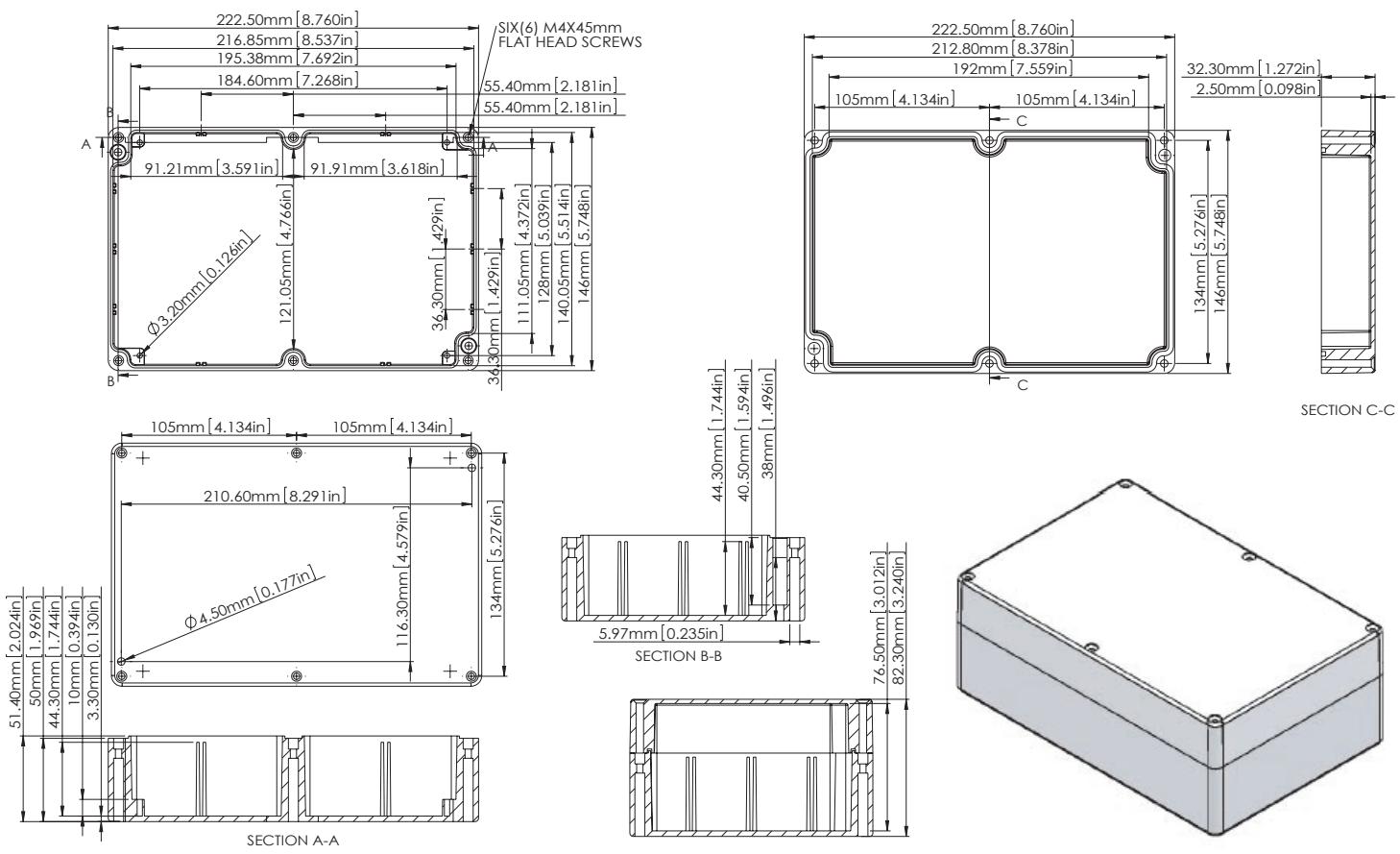
G123



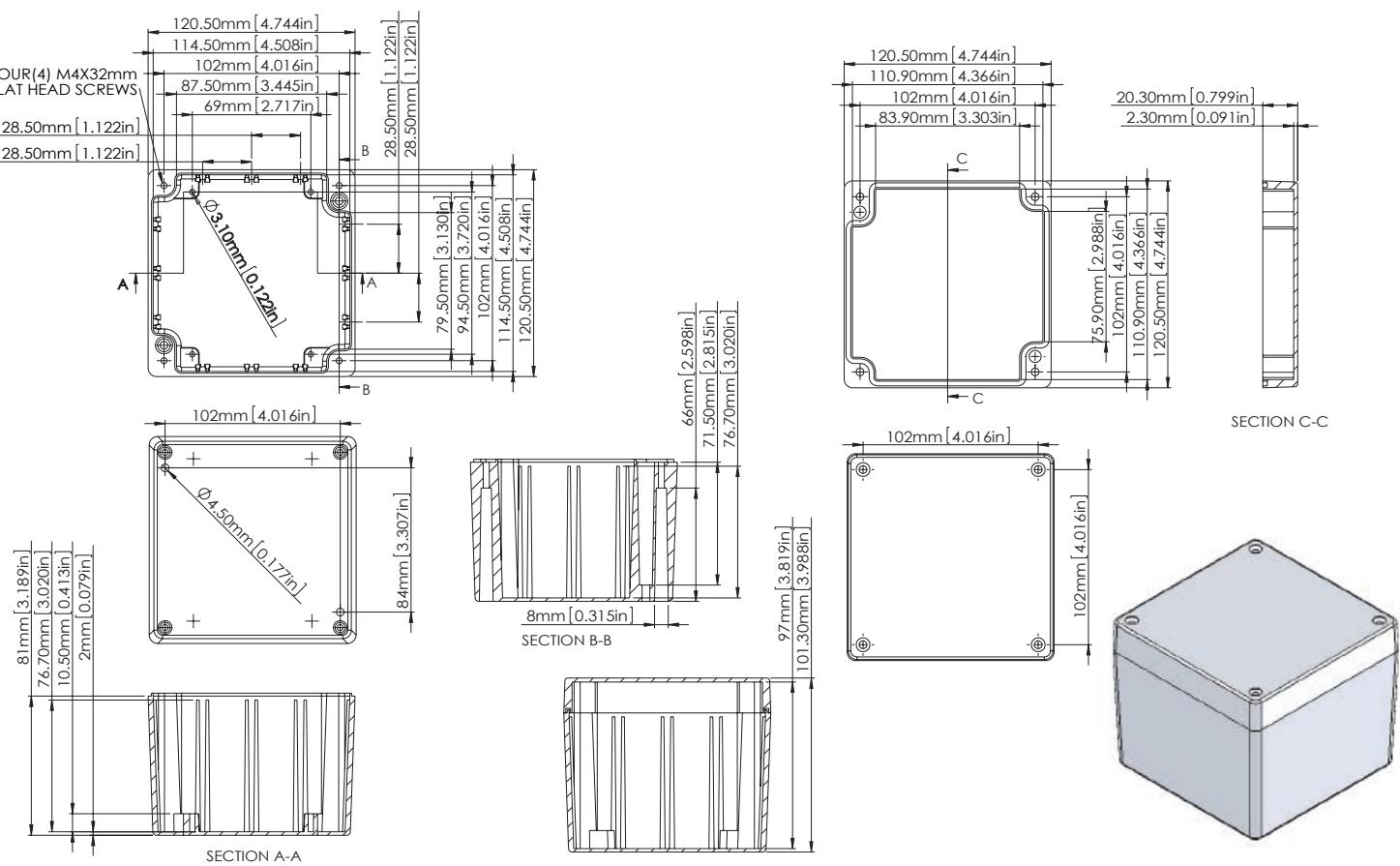
G124



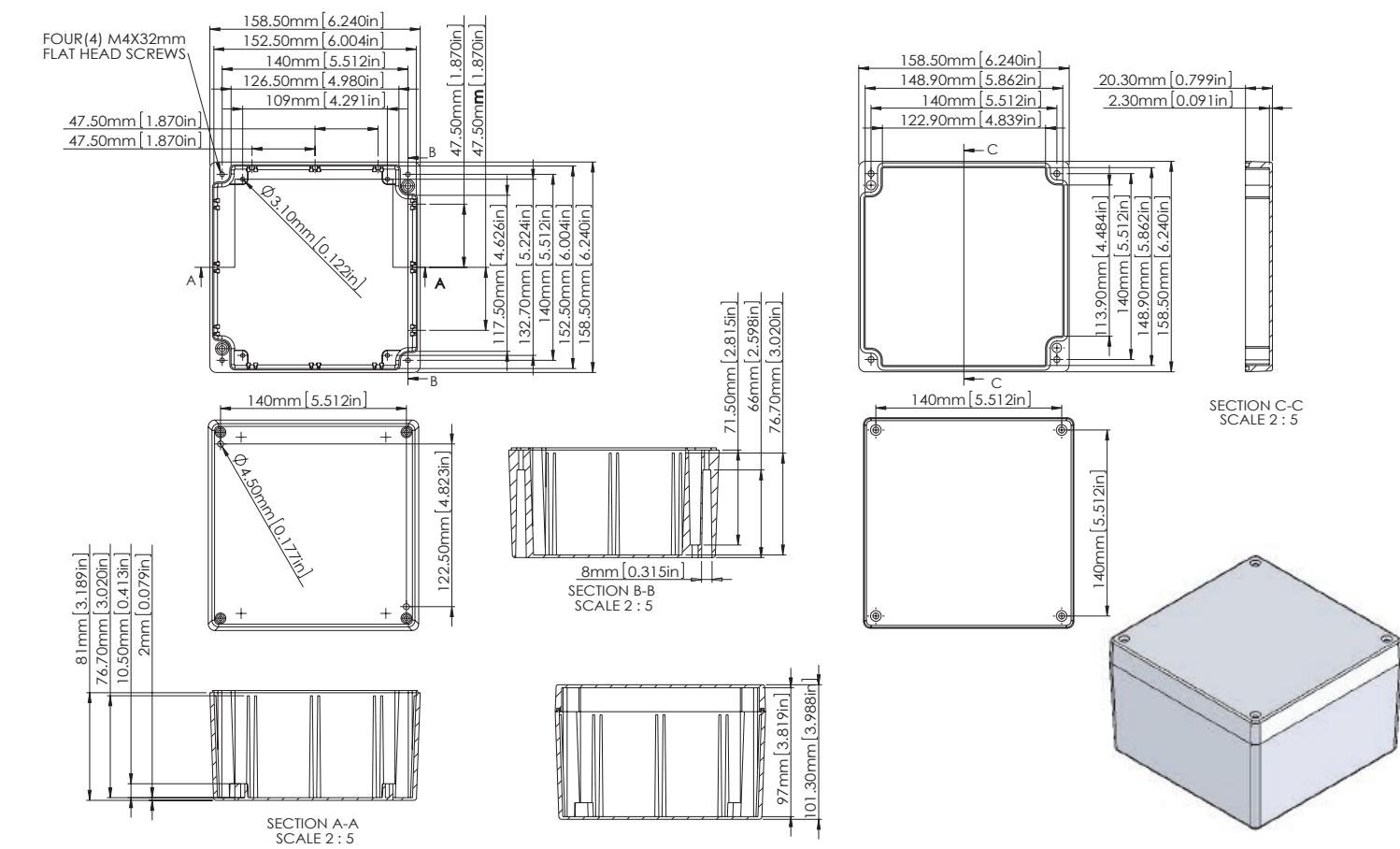
G125



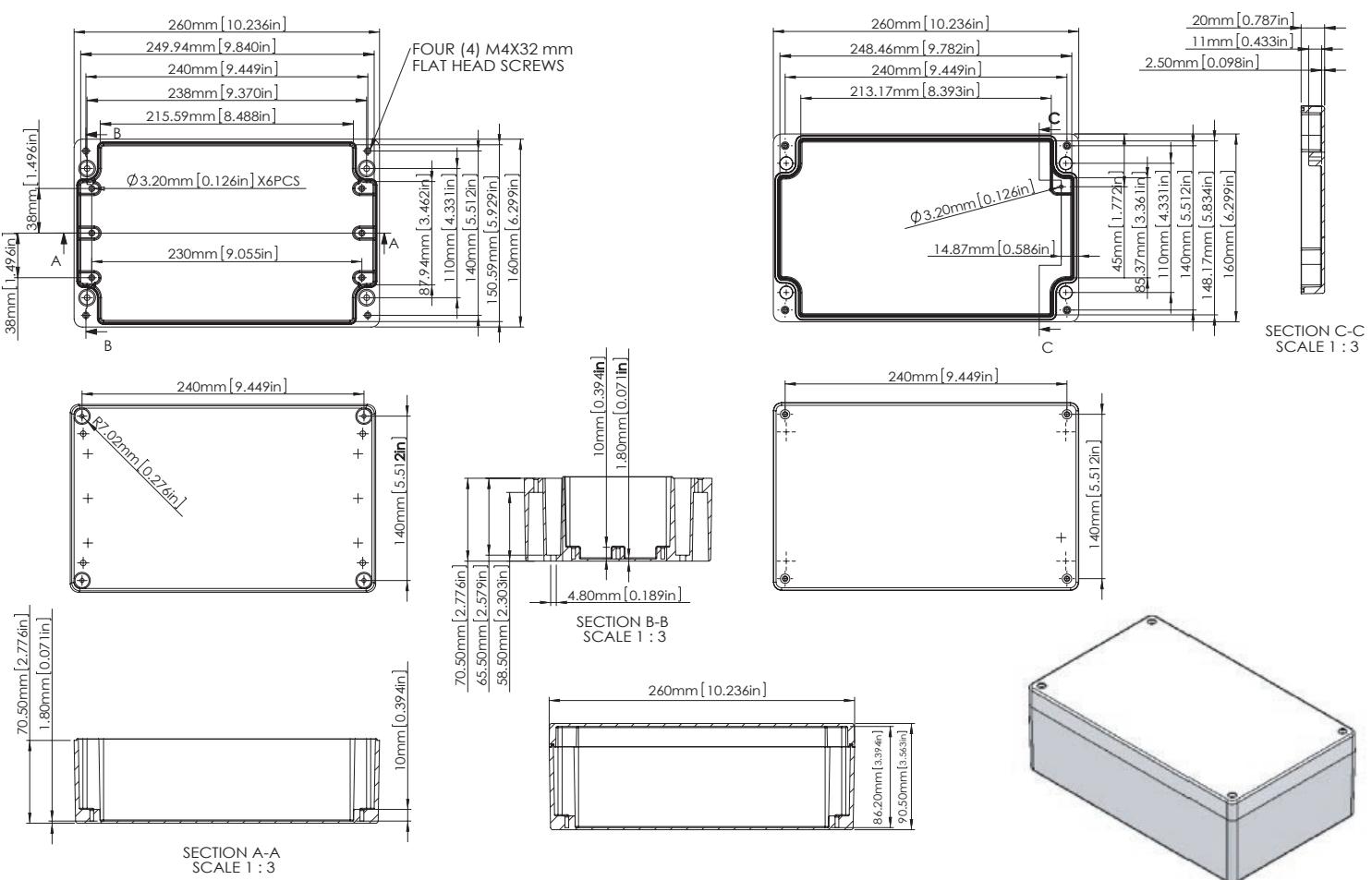
G137



G139



G155



IP65 and IP67 DIE-CAST ALUMINUM ENCLOSURES WITH MOUNTING FLANGE

ETC IP65
CERTIFIED

ETC IP67
CERTIFIED



PRODUCT INFORMATION

- Material: aluminium Alloy ADC-12 to JAPAN (JIS)
- Finish: Natural aluminium color.
- Designed to meet IP65, IP67 through the use of EPDM gasket with the universal tongue and groove seal system.
- Wall mounting holes and lid fixing screws are outside the sealing area for real sealing protection.
- Mounting Flange is designed on the bottom of the base, so the base can be mounted with M5 pan head machine screws on the wall easily.

LIGHT GREY(LG), BLACK(BK) OF POWDER COATED ALUMINIUM ENCLOSURES ARE AVAILABLE FOR ORDERING .
JUST NEED TO ADD THE COLOR CODE AFTER THE ITEM NO.

Ex: G102MFLG, G125MFBK



G111MFLG



G113MFBK



G104MF



G104MF-IP67

IP65 RATING

(with non-continuous gasket)

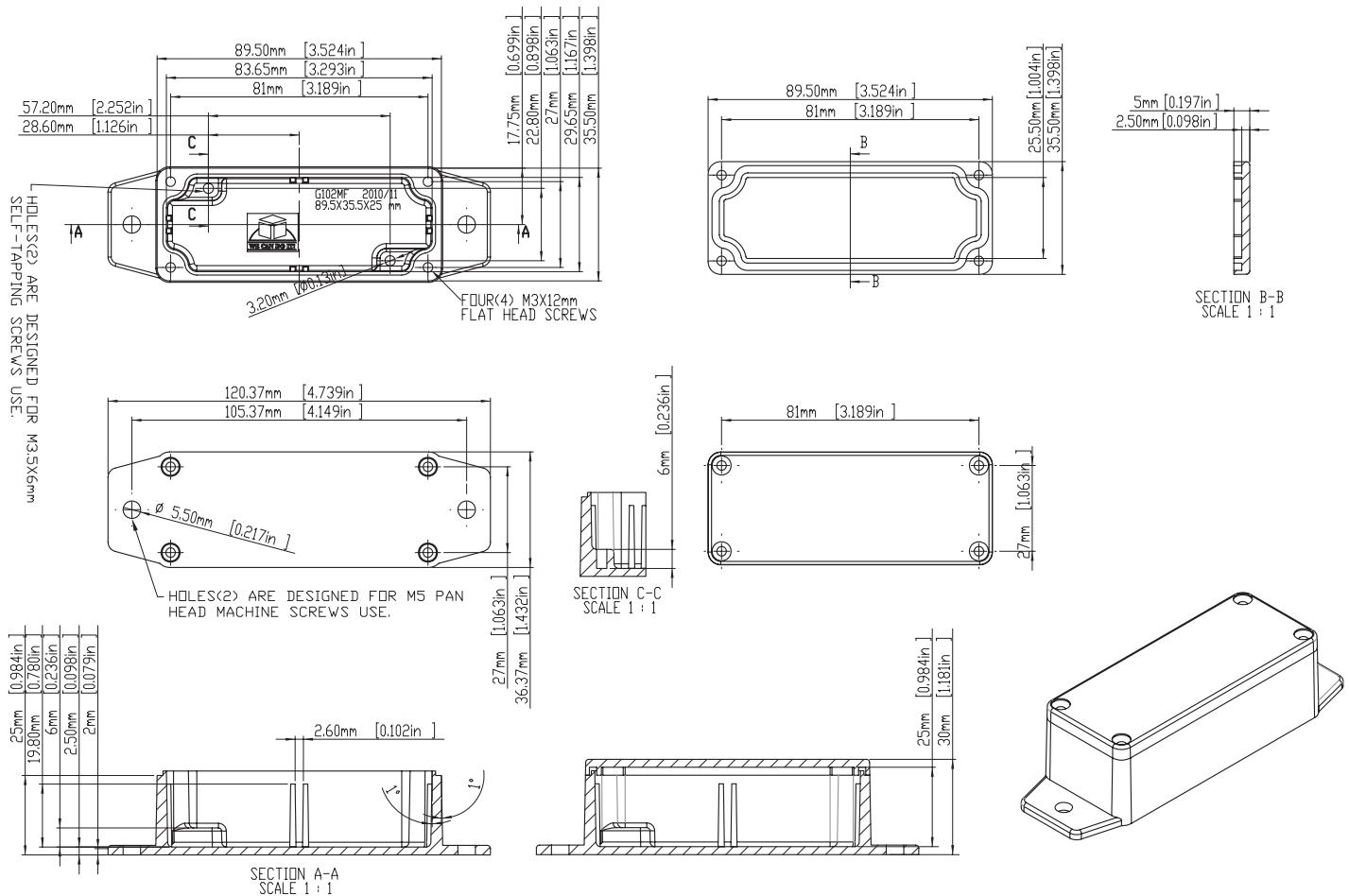
ITEM No.	EXTERNAL DIMENSION(mm)
G102MF	90 x 36 x 30
G104MF	64 x 58 x 35
G106MF	115 x 65 x 30
G107MF	125 x 80 x 40
G108MF	125 x 80 x 57
G111MF	115 x 65 x 55
G113MF	115 x 90 x 55
G115MF	148 x 108 x 75
G116MF	160 x 100 x 60
G117MF	160 x 100 x 81
G120MF	171 x 121 x 55
G123MF	200 x 120 x 75
G124MF	222 x 146 x 55
G125MF	222 x 146 x 82

IP67 RATING

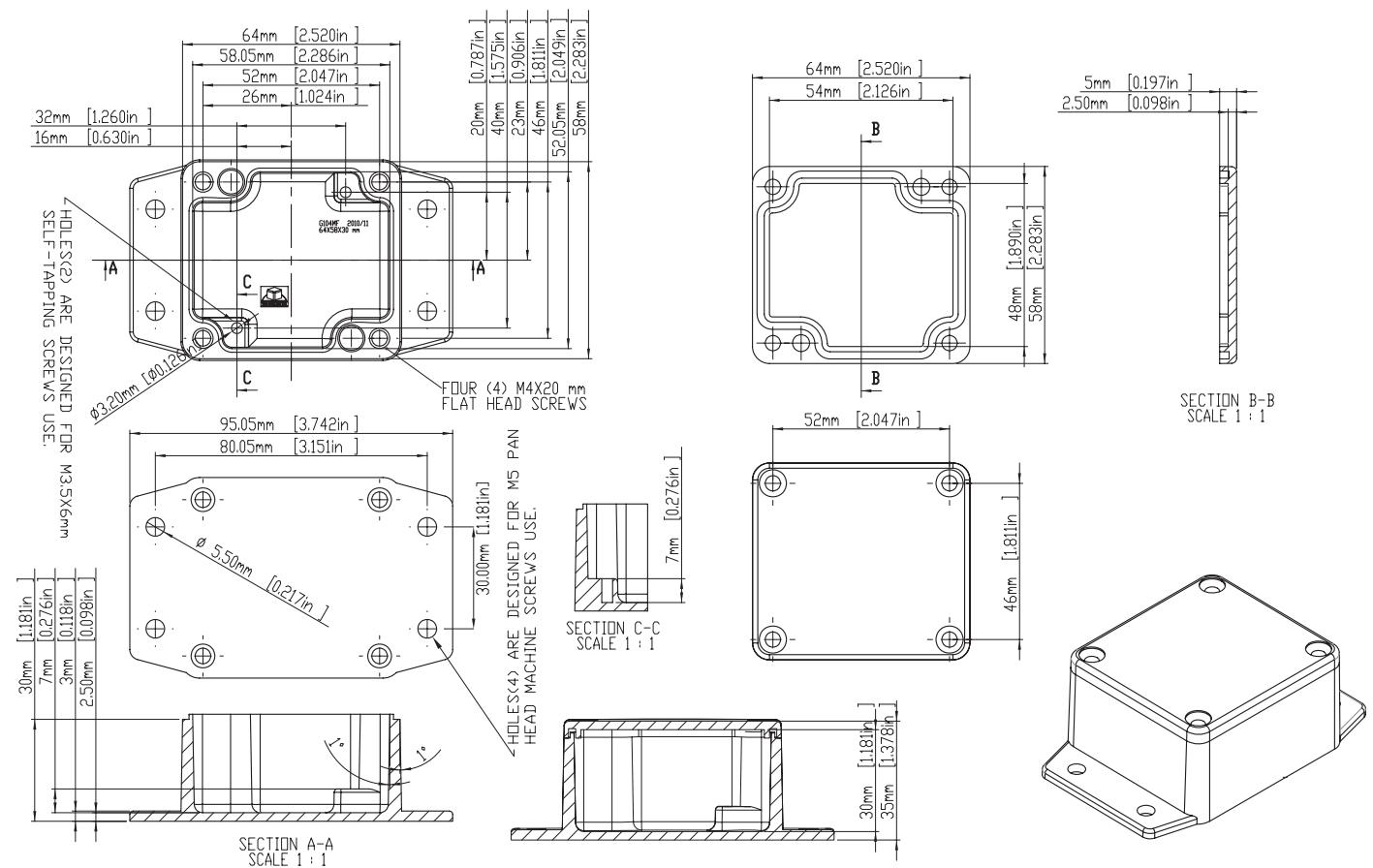
(with continuous seal)

ITEM No.	EXTERNAL DIMENSION(mm)
G102MF-IP67	90 x 36 x 30
G104MF-IP67	64 x 58 x 35
G106MF-IP67	115 x 65 x 30
G107MF-IP67	125 x 80 x 40
G108MF-IP67	125 x 80 x 57
G111MF-IP67	115 x 65 x 55
G113MF-IP67	115 x 90 x 55
G115MF-IP67	148 x 108 x 75
G116MF-IP67	160 x 100 x 60
G117MF-IP67	160 x 100 x 81
G120MF-IP67	171 x 121 x 55
G123MF-IP67	200 x 120 x 75
G124MF-IP67	222 x 146 x 55
G125MF-IP67	222 x 146 x 82

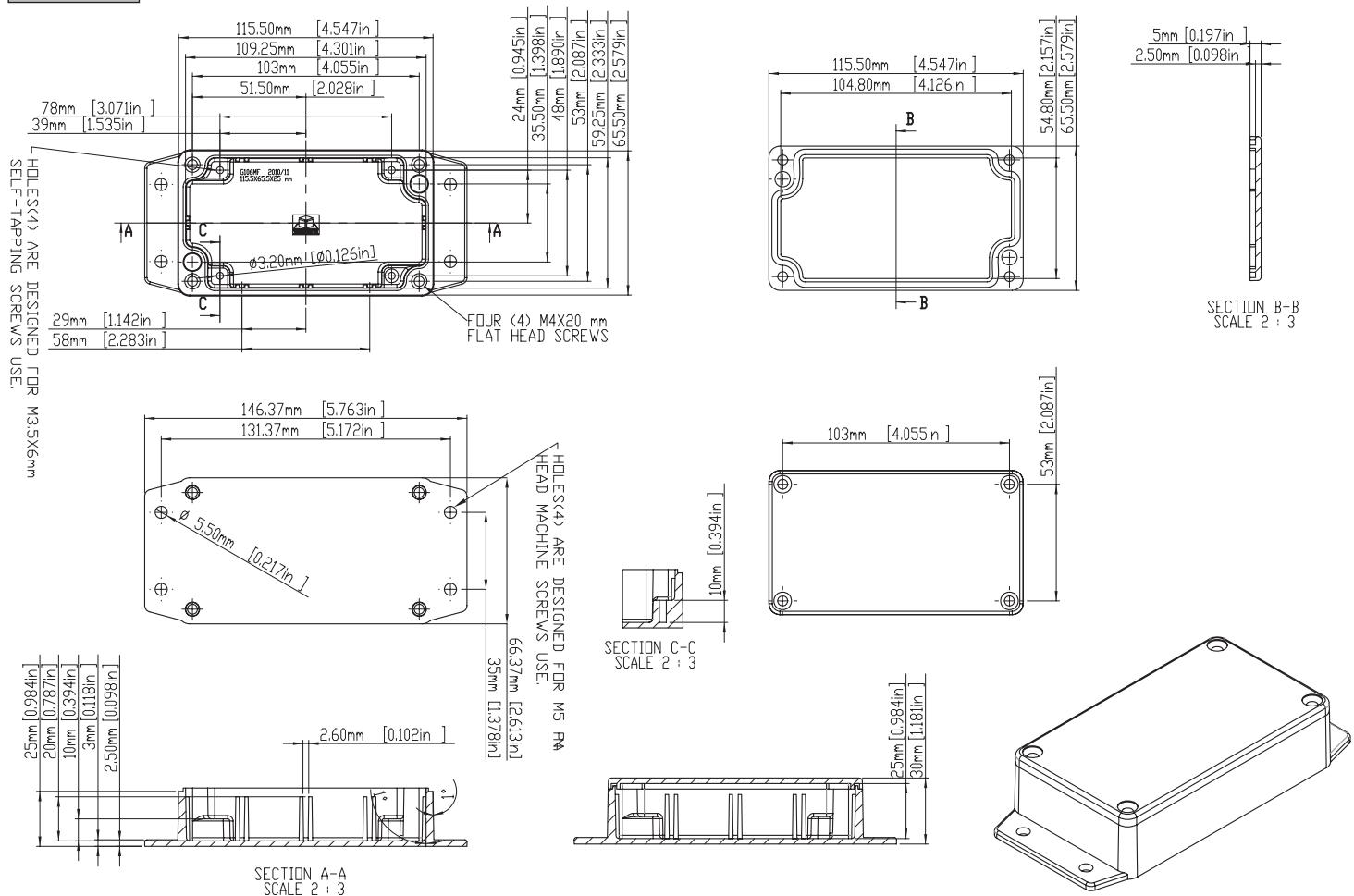
G102MF



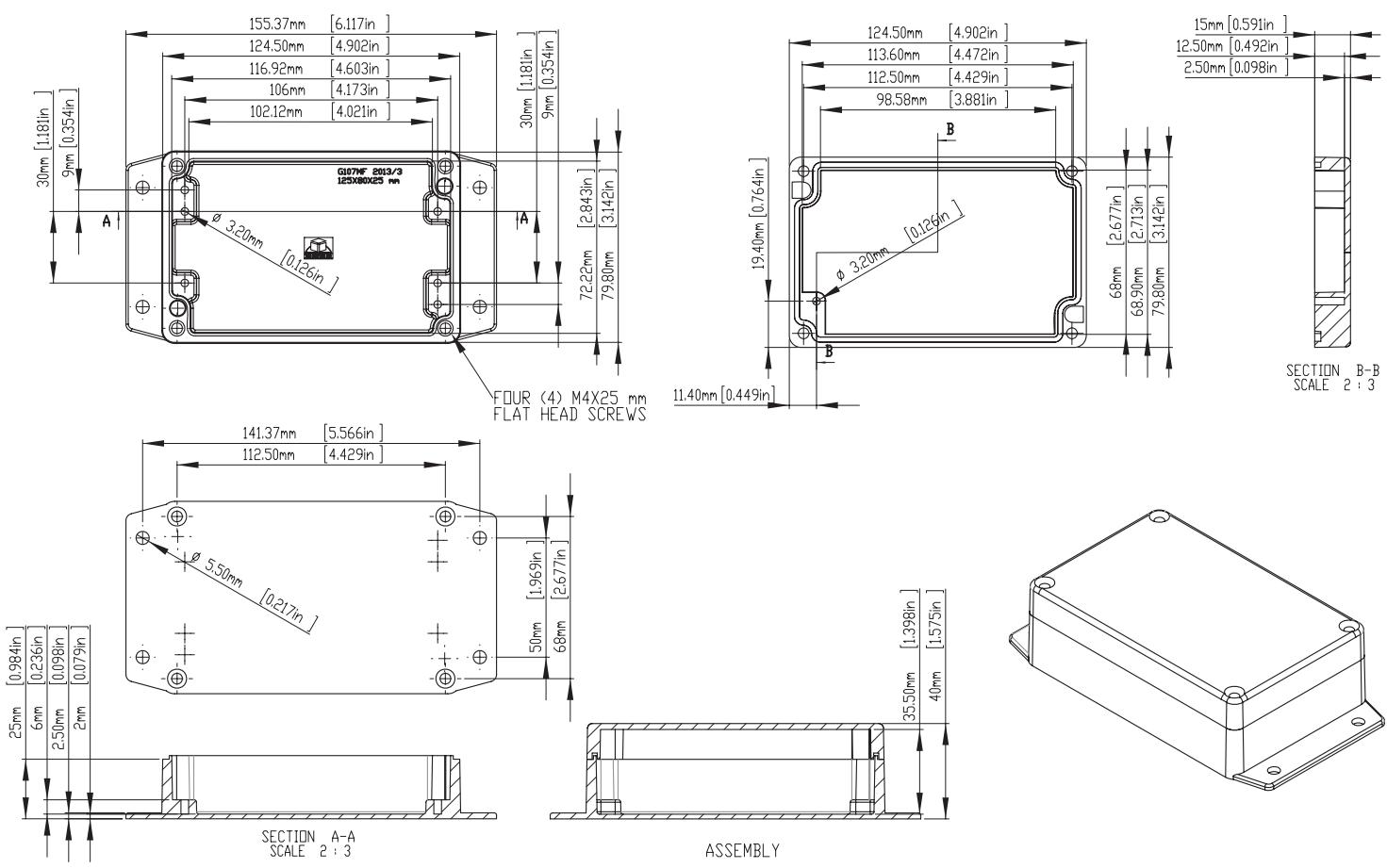
G104MF



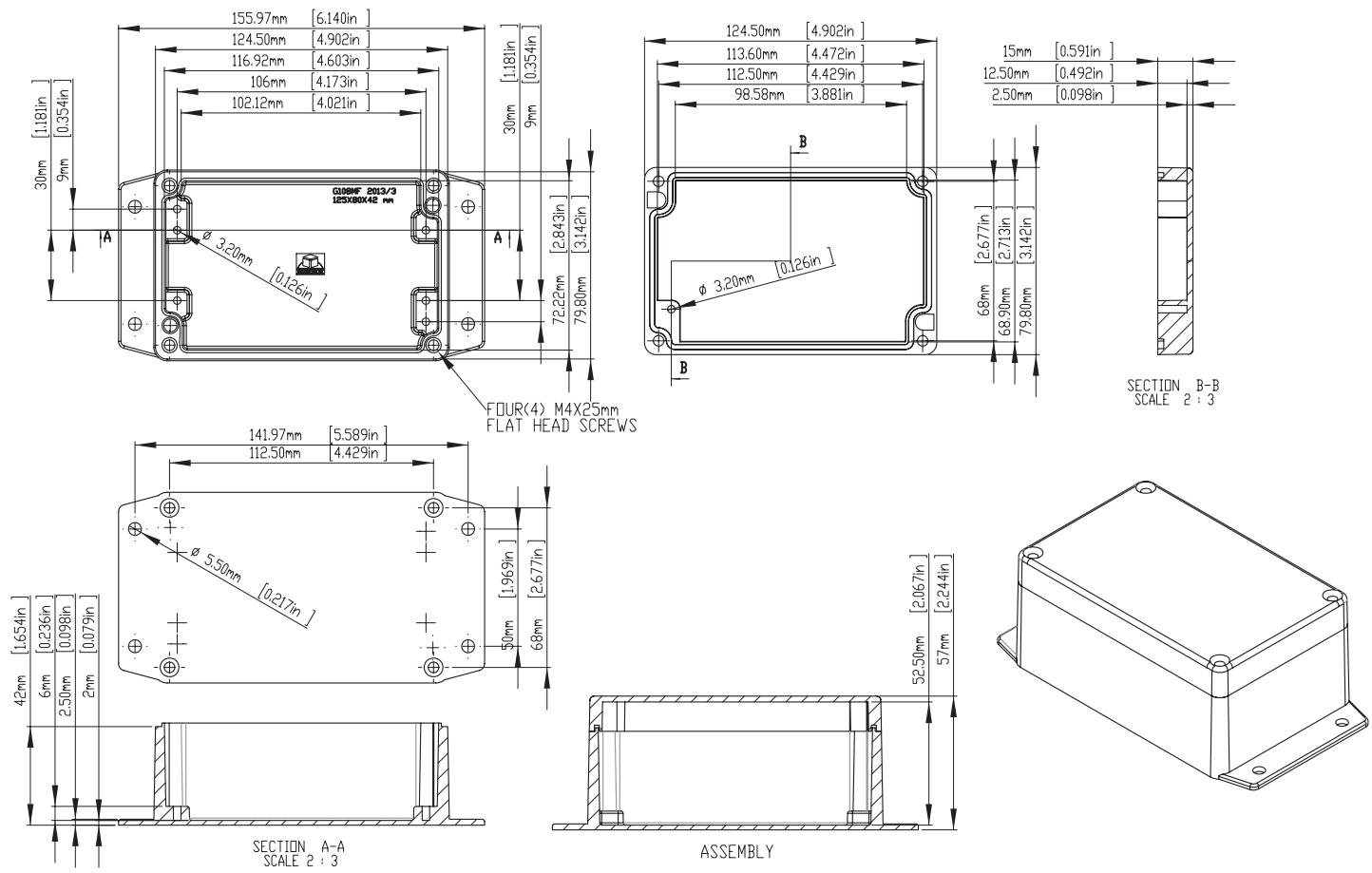
G106MF



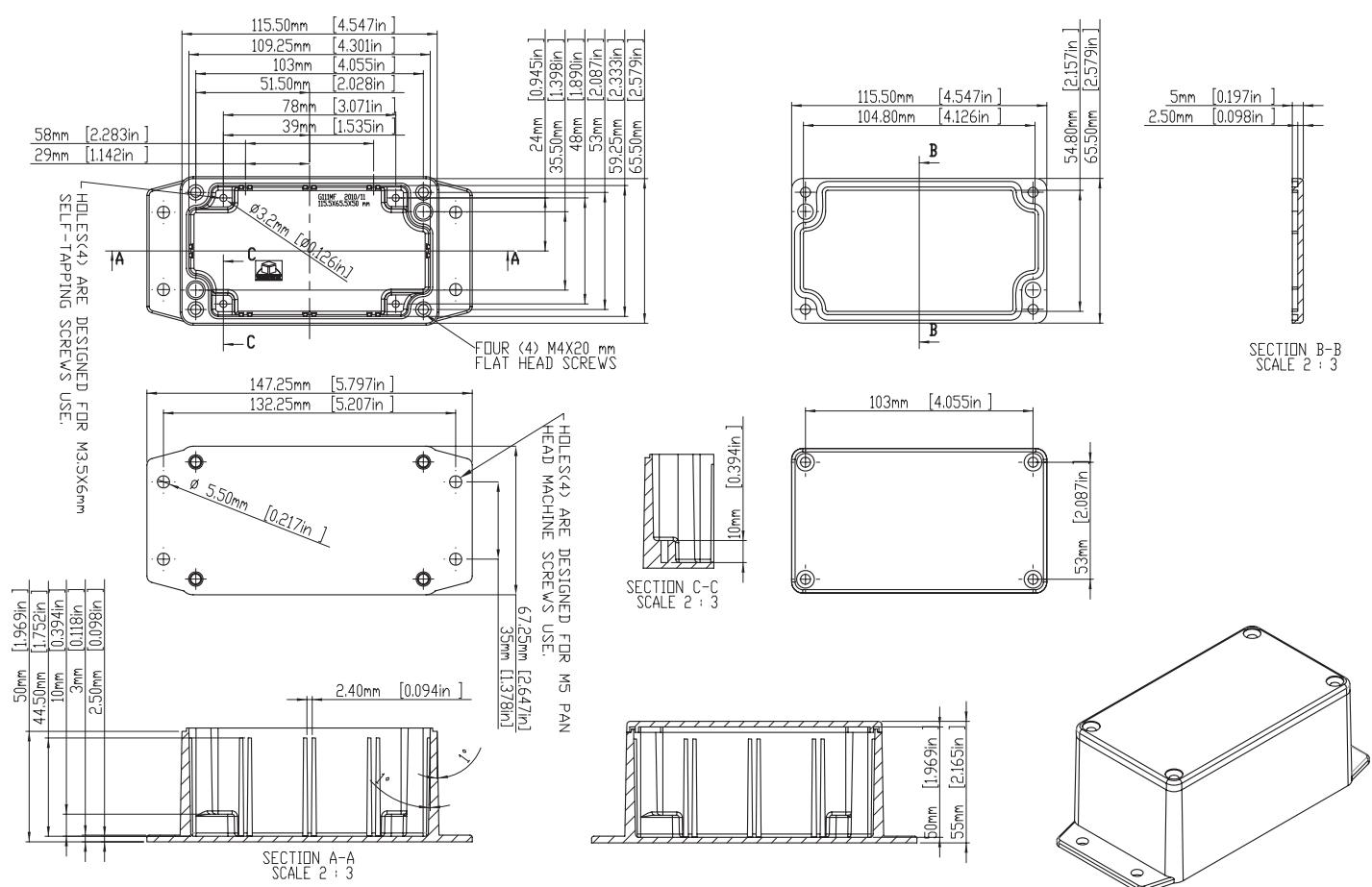
G107MF



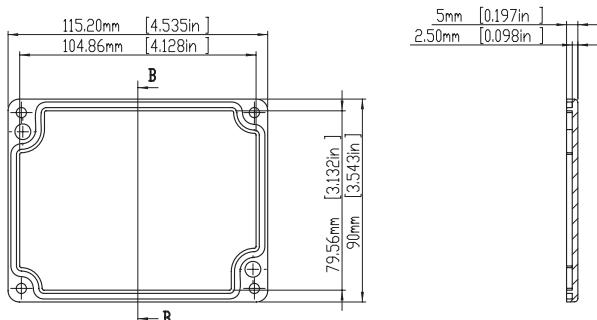
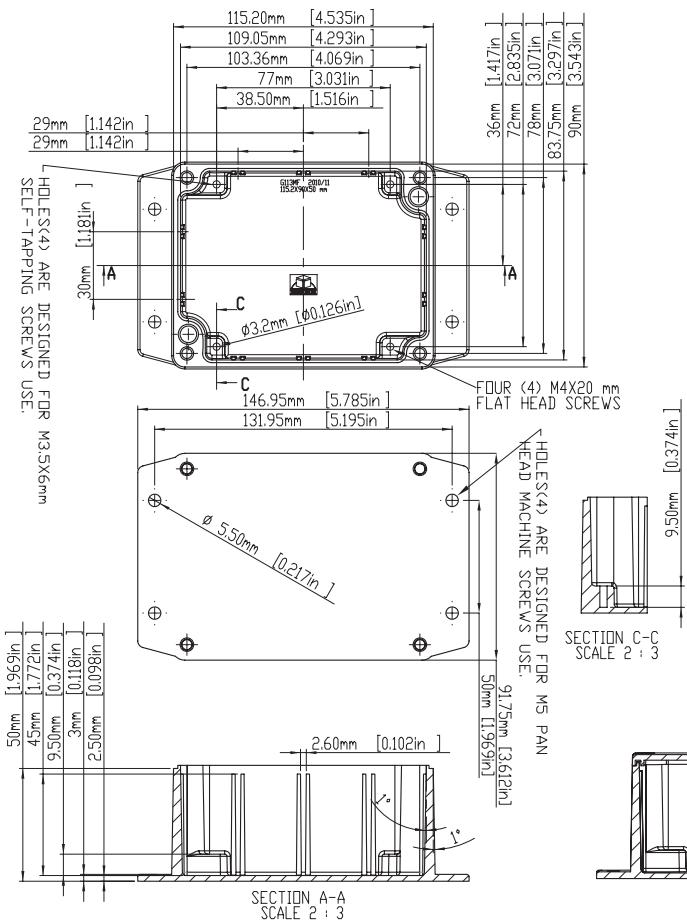
G108MF



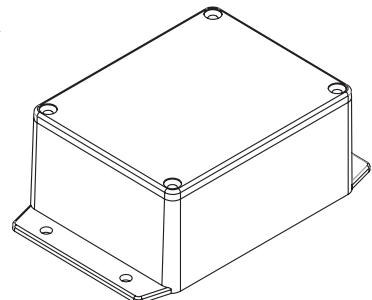
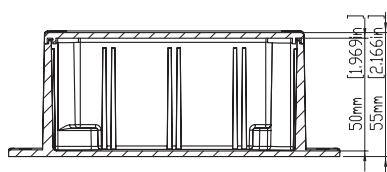
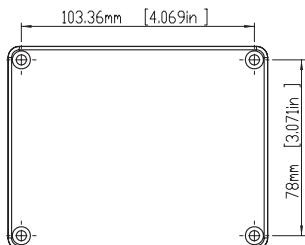
G111MF



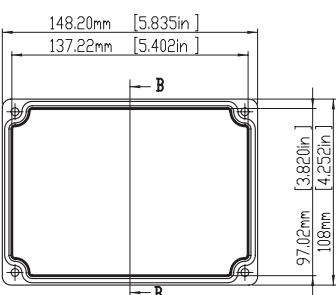
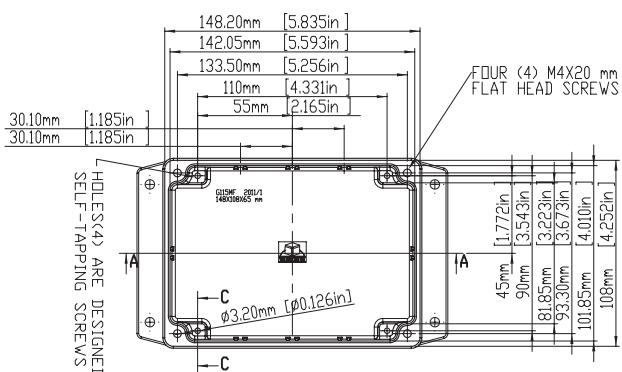
G113MF



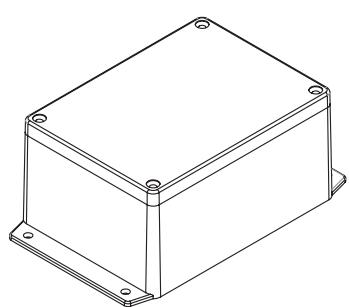
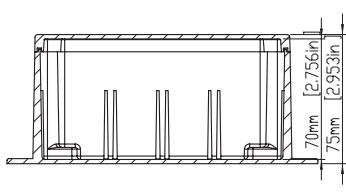
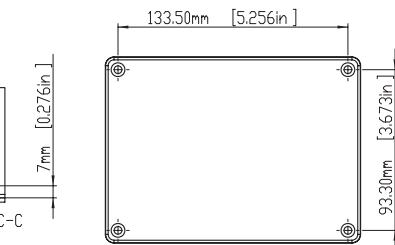
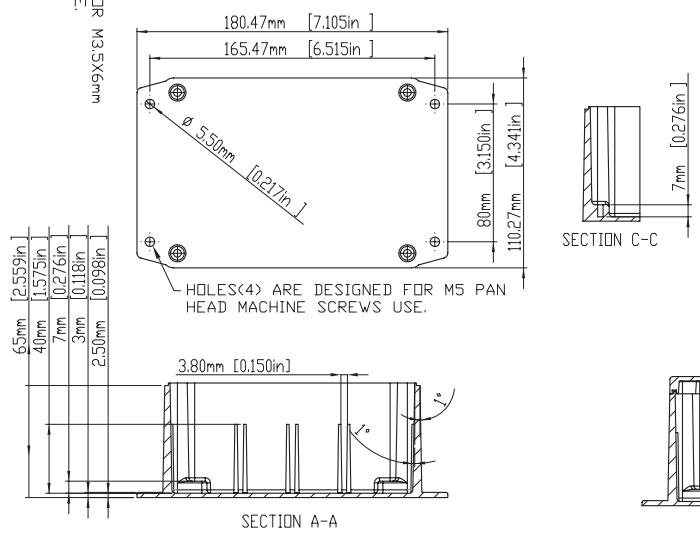
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SCALE 2 : 3



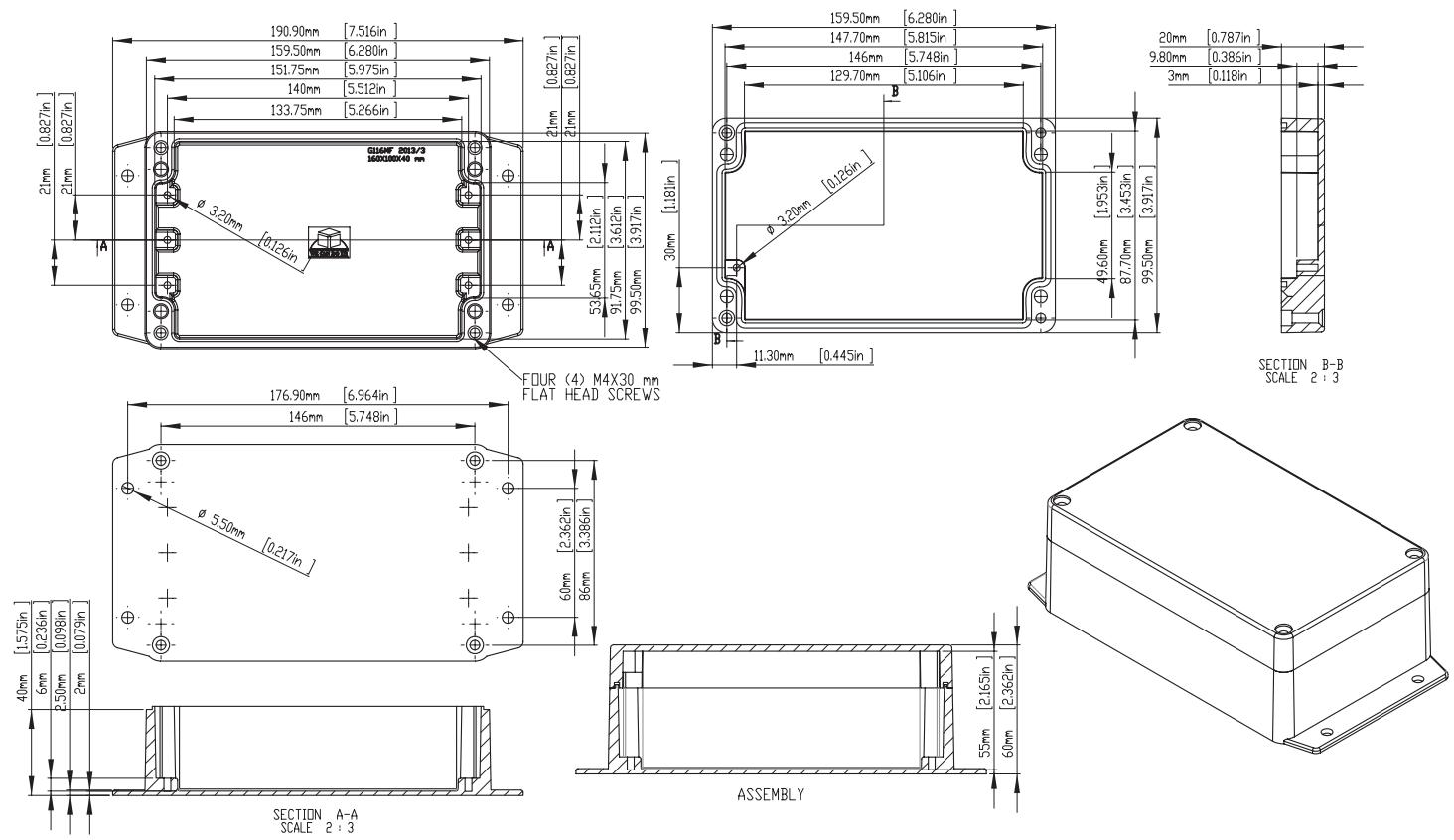
G115MF



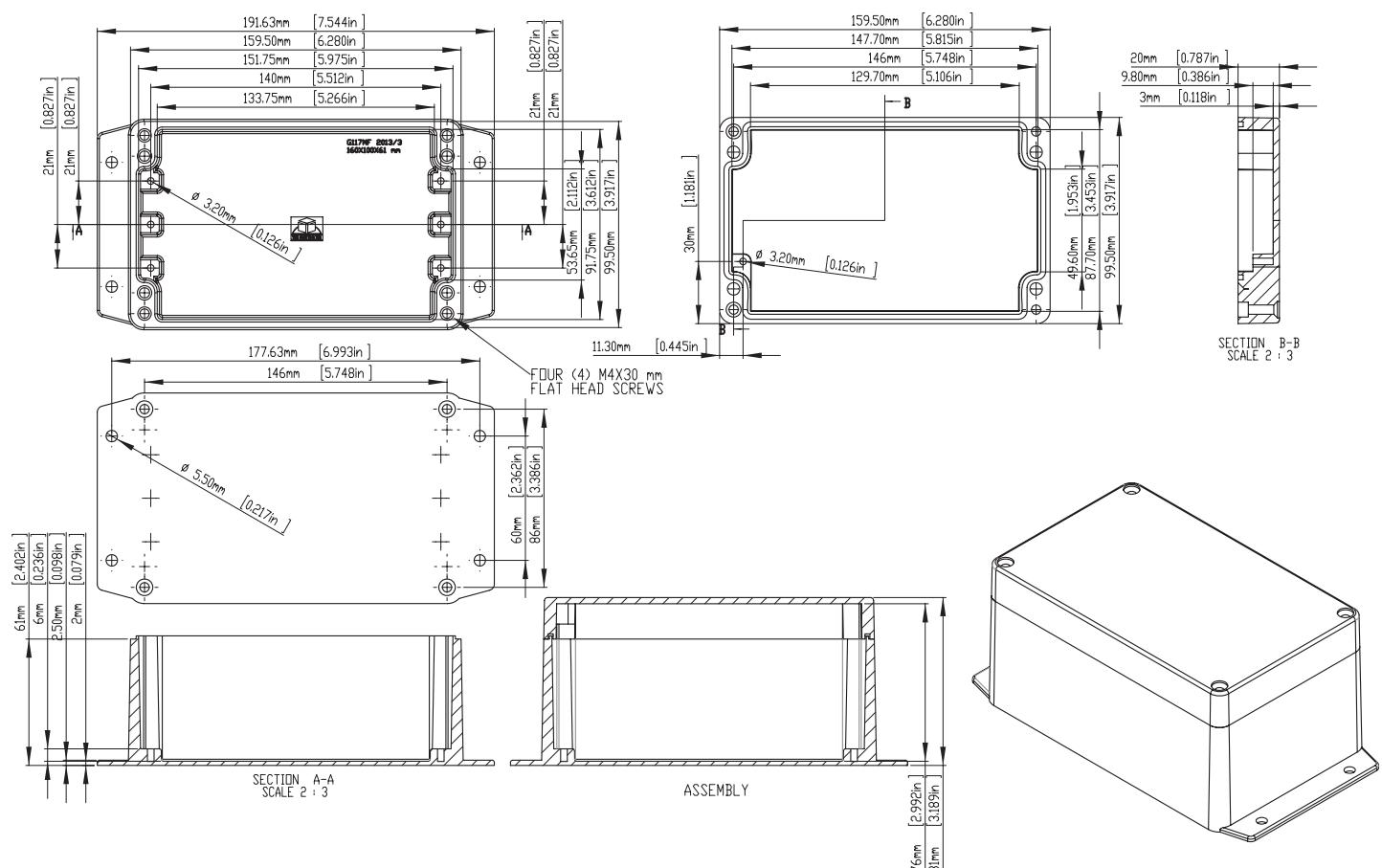
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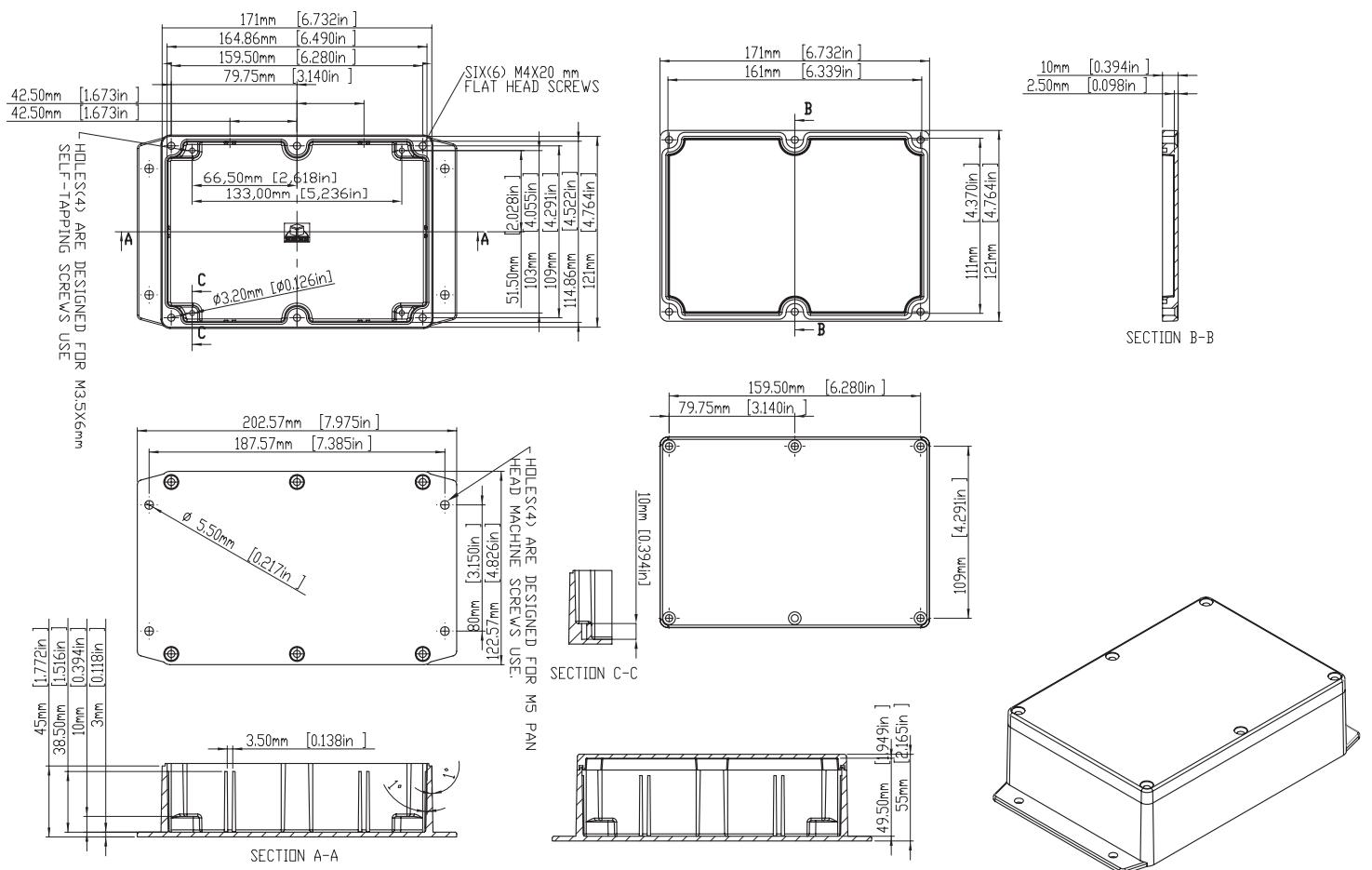
G116MF



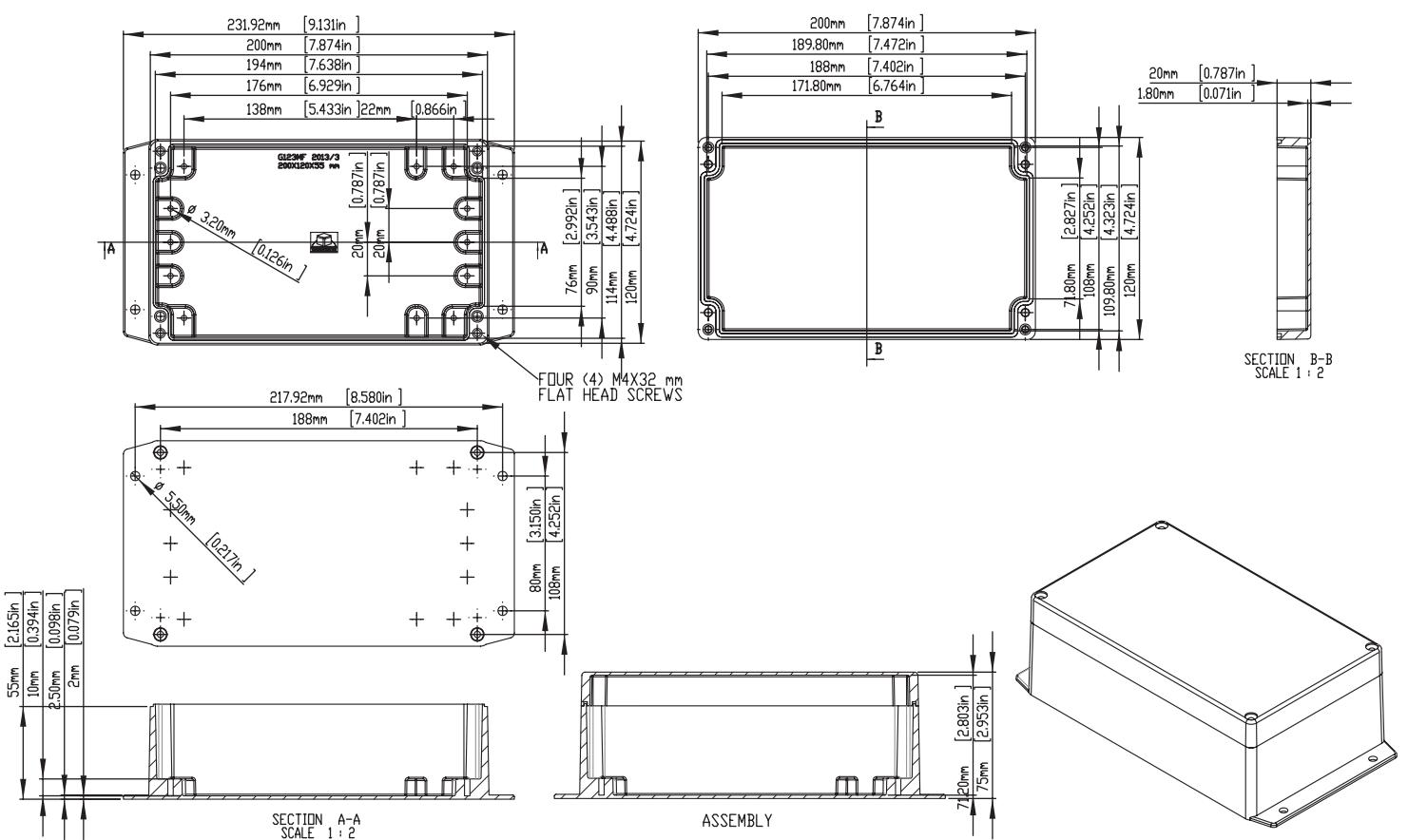
G117MF



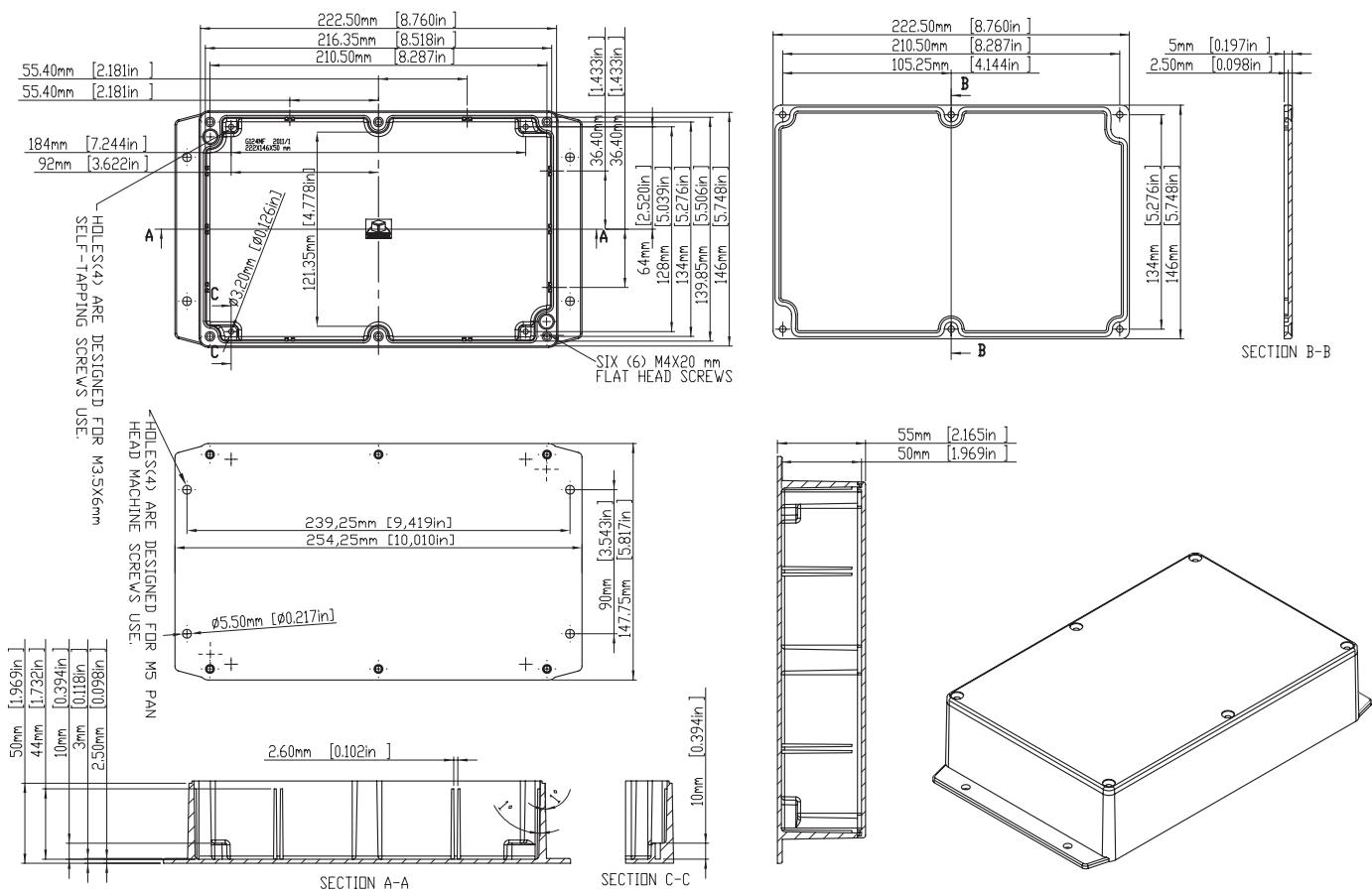
G120MF



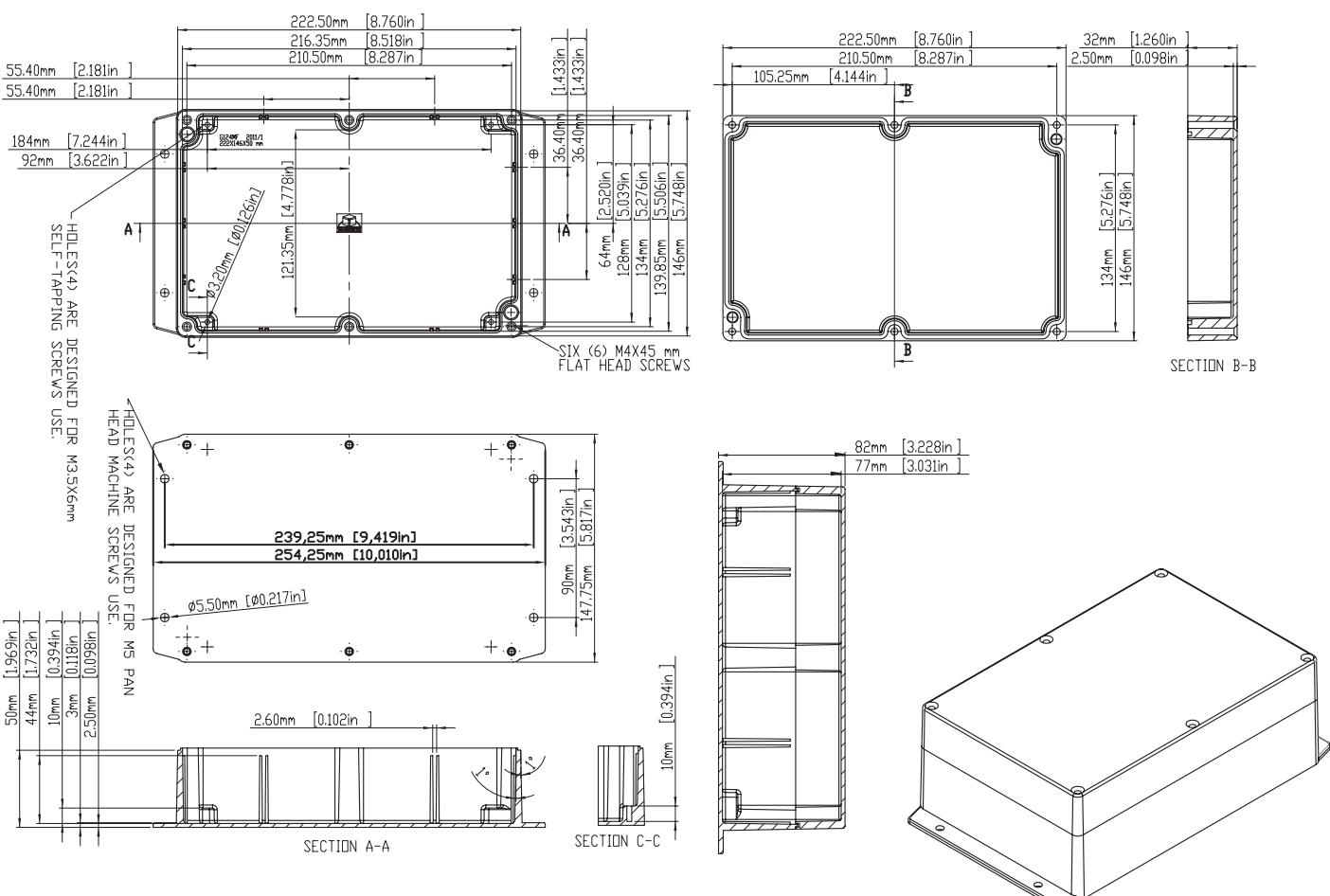
G123MF



G124MF

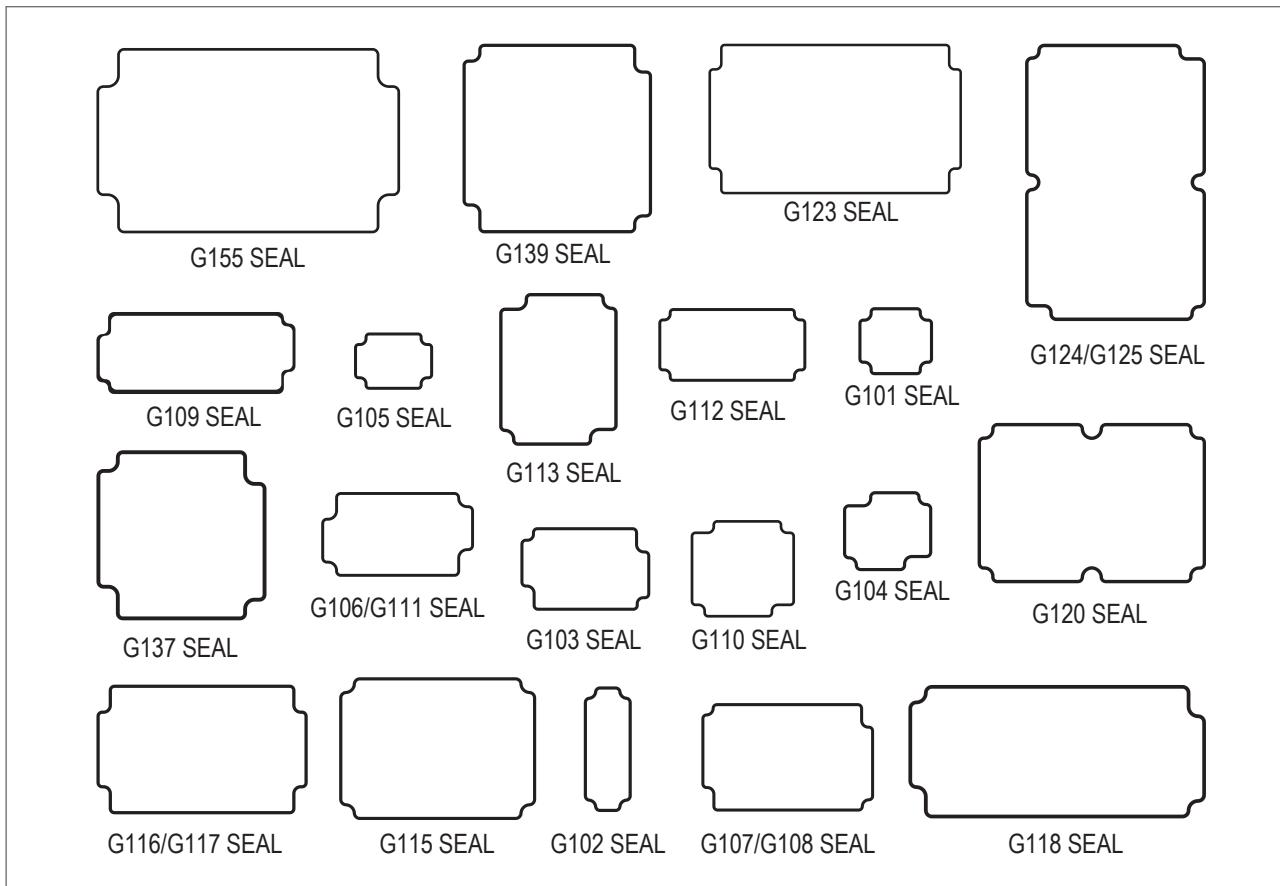


G125MF



Continuous EPDM Seal

for G1XX & G1XXMF Aluminium Boxes use



ITEM No.	MATERIAL	EXTERNAL DIMENSION(mm)
G101SEAL	EPDM	47.9 X 42.9 X 1.6
G102SEAL	EPDM	87.4 X 33.4 X 1.5
G103SEAL	EPDM	95.5 X 61.4 X 1.7
G104SEAL	EPDM	61.6 X 55.2 X 1.7
G105SEAL	EPDM	52.6 X 38.1 X 2.0
G106SEAL	EPDM	112.3 X 62.3 X 1.6
G107SEAL	EPDM	120.1 X 75.4 X 1.9
G108SEAL	EPDM	120.1 X 75.4 X 1.9
G109SEAL	EPDM	146.3 X 60.3 X 1.5
G110SEAL	EPDM	76.7 X 71.7 X 1.5
G111SEAL	EPDM	112.3 X 62.3 X 1.6
G112SEAL	EPDM	99.6 X 49.6 X 1.5
G113SEAL	EPDM	112.3 X 87.1 X 1.8
G115SEAL	EPDM	144.8 X 104.9 X 1.5
G116SEAL	EPDM	155.3 X 95.3 X 1.5
G117SEAL	EPDM	155.3 X 95.3 X 1.5
G118SEAL	EPDM	172.1 X 77.1 X 1.5
G120SEAL	EPDM	167.9 X 117.8 X 1.9
G123SEAL	EPDM	197.1 X 117.1 X 1.5
G124SEAL	EPDM	221.0 X 144.2 X 2.2
G125SEAL	EPDM	221.0 X 144.2 X 2.2
G137SEAL	EPDM	118.2 X 118.2 X 1.7
G139SEAL	EPDM	156.2 X 156.2 X 1.6
G155SEAL	EPDM	256.7 X 156.7 X 1.7

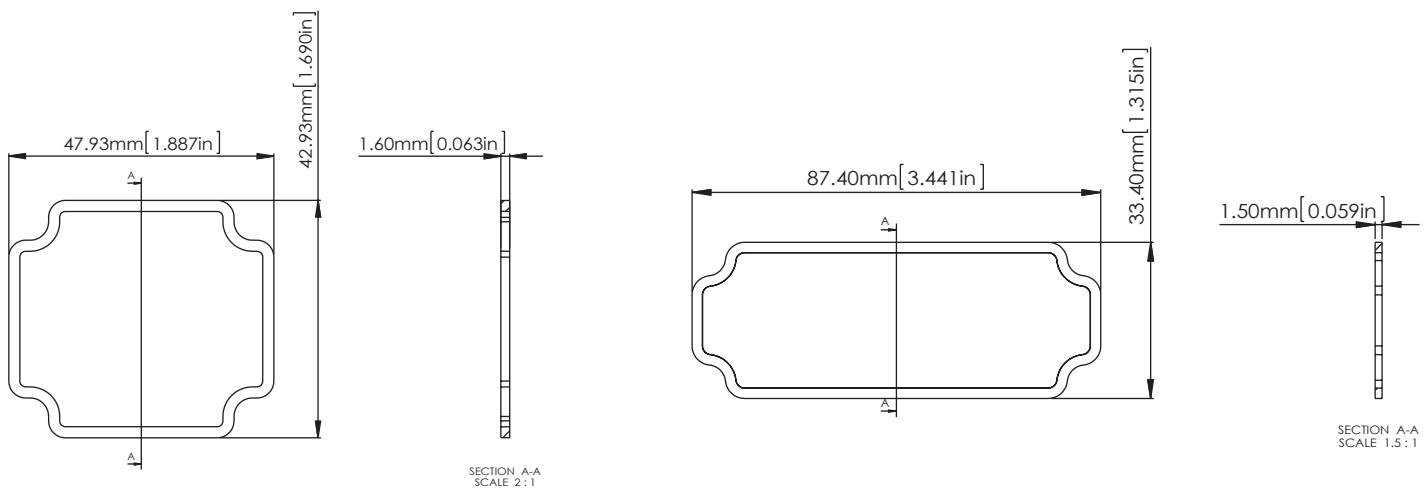
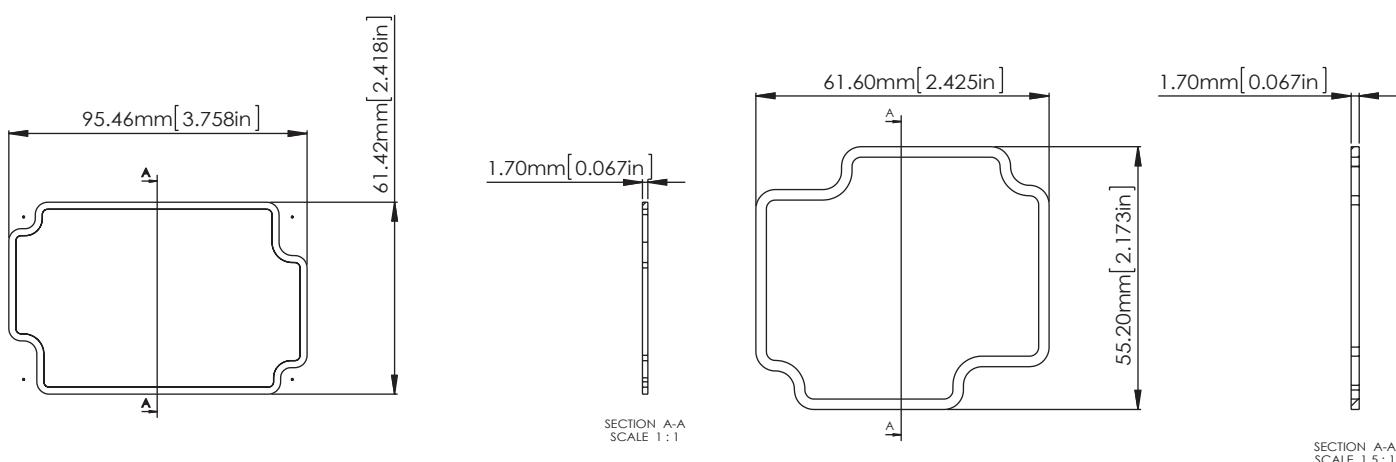
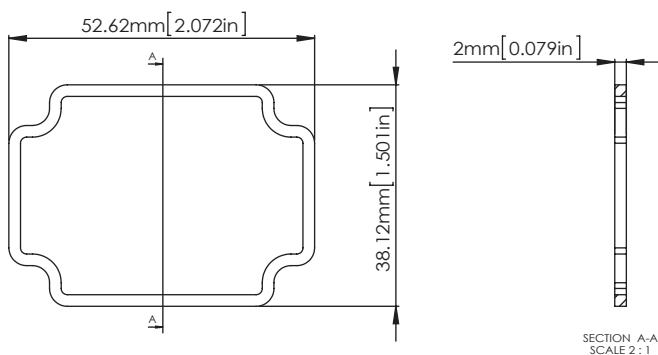
Example



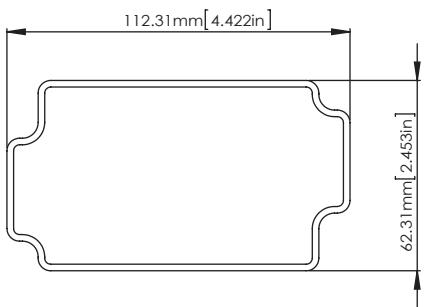
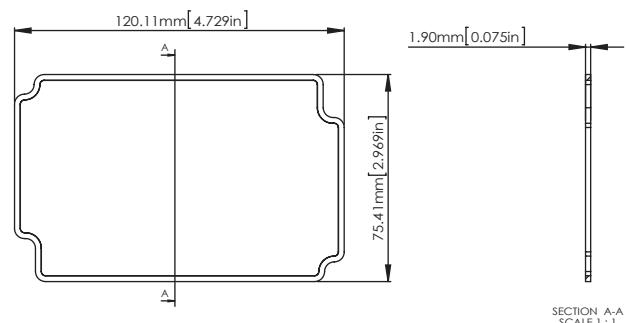
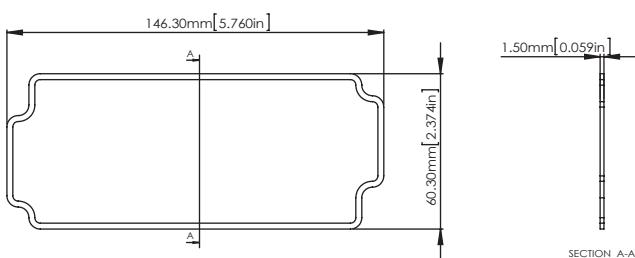
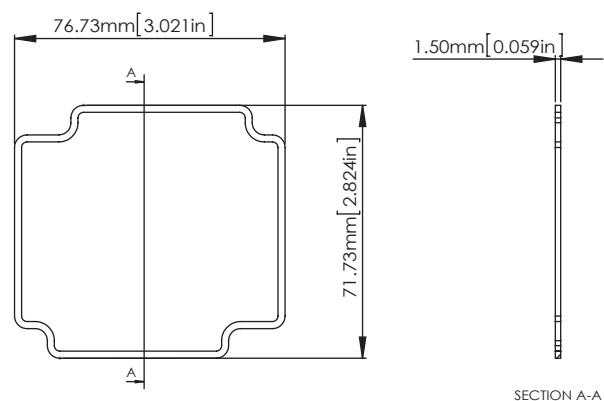
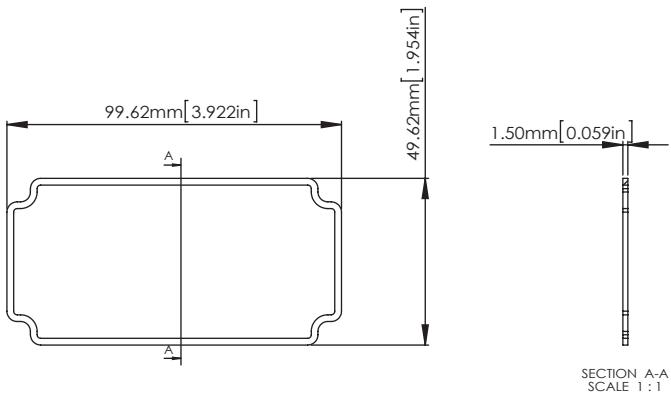
G104-IP67



G104MF-IP67

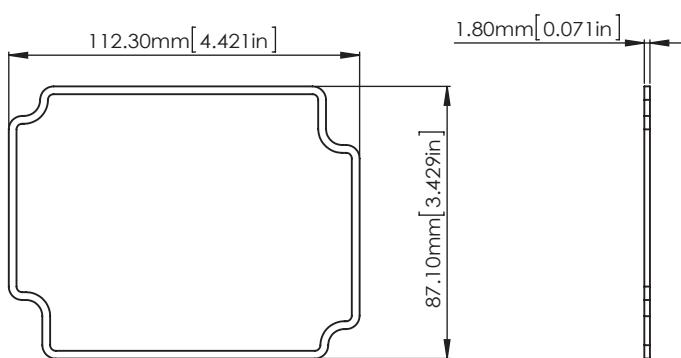
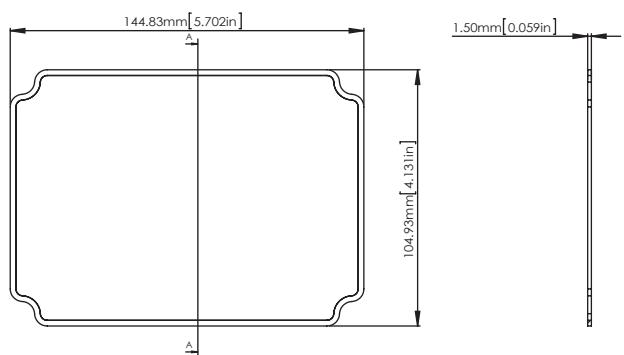
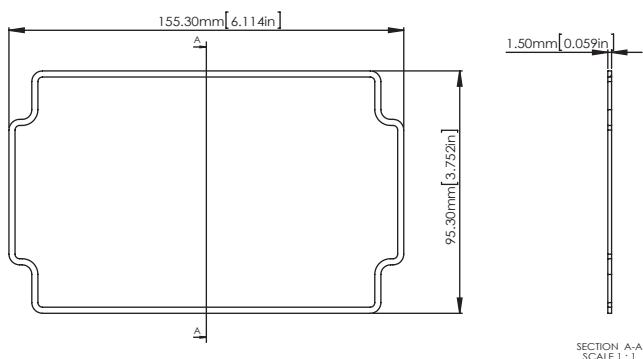
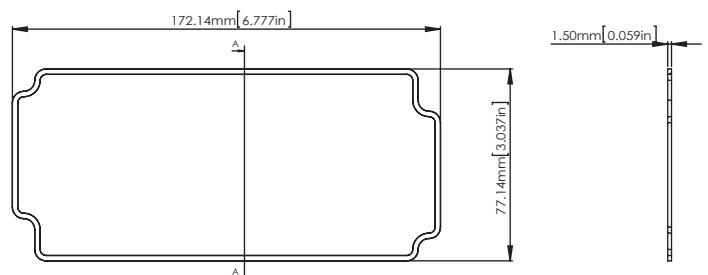
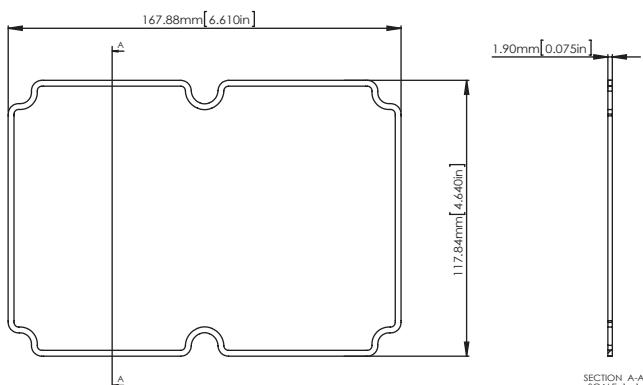
G101-Seal**G102-Seal****G103-Seal****G104-Seal****G105-Seal**

According to ISO 2768-m	
Measuring DIM=L	Tolerances
0.5<L<=3.0mm	±0.1mm
3.0<L<=6.0 mm	±0.1mm
6.0<L<=30.0 mm	±0.2mm
30.0<L<=120.0 mm	±0.3mm
120.0<L<=400.0 mm	±0.5mm
400.0<L<=1000.0 mm	±0.8mm

G106 / G111-Seal**G107 / G108-Seal****G109-Seal****G110-Seal****G112-Seal**

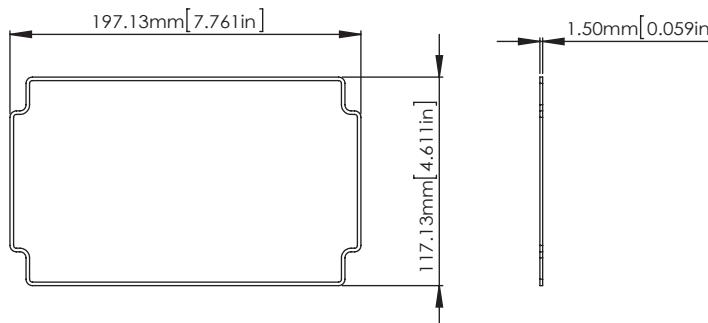
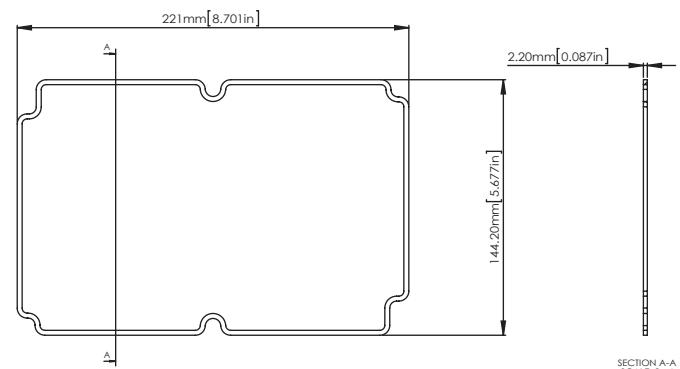
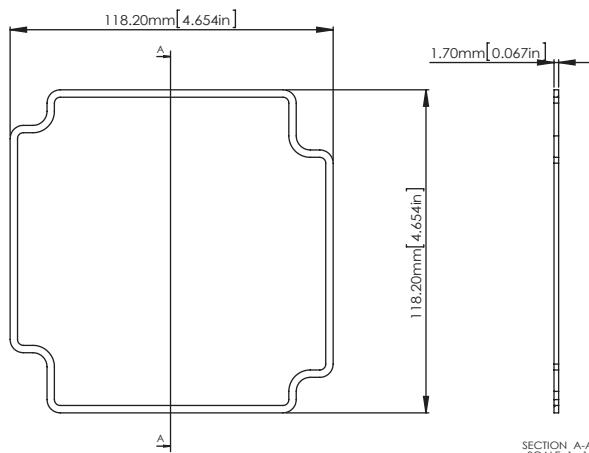
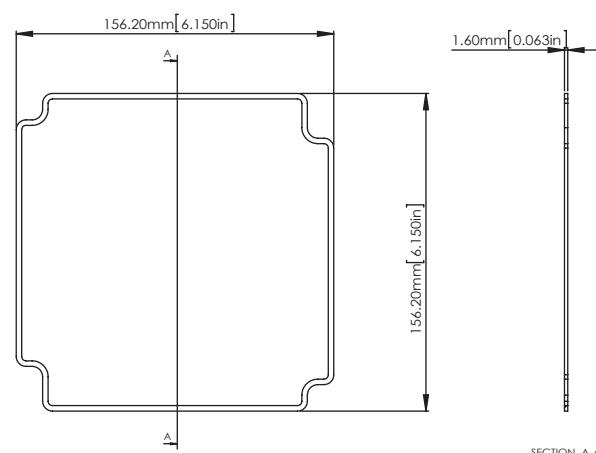
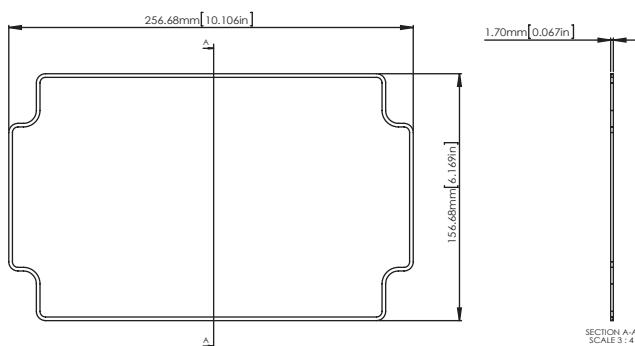
According to ISO 2768-m

Measuring DIM=L	Tolerances
0.5<L<=3.0mm	±0.1mm
3.0<L<=6.0 mm	±0.1mm
6.0<L<=30.0 mm	±0.2mm
30.0<L<=120.0 mm	±0.3mm
120.0<L<=400.0 mm	±0.5mm
400.0<L<=1000.0 mm	±0.8mm

G113-Seal**G115-Seal****G116 / G117-Seal****G118-Seal****G120-Seal**

According to ISO 2768-m

Measuring DIM=L	Tolerances
0.5<L<=3.0mm	±0.1mm
3.0<L<=6.0 mm	±0.1mm
6.0<L<=30.0 mm	±0.2mm
30.0<L<=120.0 mm	±0.3mm
120.0<L<=400.0 mm	±0.5mm
400.0<L<=1000.0 mm	±0.8mm

G123-Seal**G124 / G125-Seal****G137-Seal****G139-Seal****G155-Seal**

According to ISO 2768-m	
Measuring DIM=L	Tolerances
0.5<L<=3.0mm	±0.1mm
3.0<L<=6.0 mm	±0.1mm
6.0<L<=30.0 mm	±0.2mm
30.0<L<=120.0 mm	±0.3mm
120.0<L<=400.0 mm	±0.5mm
400.0<L<=1000.0 mm	±0.8mm

MULTI-PURPOSE, DIE-CAST ALUMINIUM BOX



PRODUCT INFORMATION

MATERIAL:

- Aluminium alloy ADC-12 to Japan (JIS)

FEATURES:

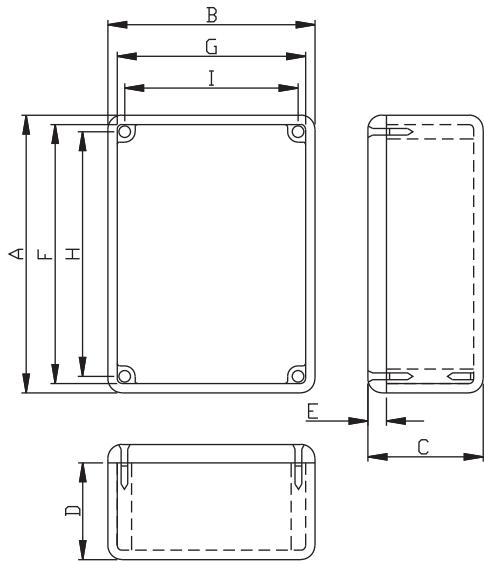
- Ideal for RF projects or for projects which are subject to weather.
- Robust, light weight and easy to machine.
- Ideal for projects involving heat as the case itself makes an excellent heatsink.

APPLICATION:

- Electrical
- Network junction box
- Stomp box (Guitar Pedal)

ITEM No.	EXTERNAL DIMENSION(mm)
G0123	90 x 38 x 30
G0124	111 x 60 x 30
G0234	119 x 93.5 x 56.5
G0247	187 x 118 x 56.5
G0347	187 x 118 x 81.7
G0470	50.8 x 50.8 x 31.8
G0471	110 x 82.5 x 44.5
G0472	120.5 x 80 x 59.2
G0473	119 x 93.5 x 34
G0474	120.5 x 120.5 x 59.2
G0475	120.5 x 120.5 x 95.2
G0476	152.4 x 82.5 x 50.8
G0477	187 x 118 x 38
G0478	190.5 x 190.5 x 66.5
G0479	111 x 60 x 54

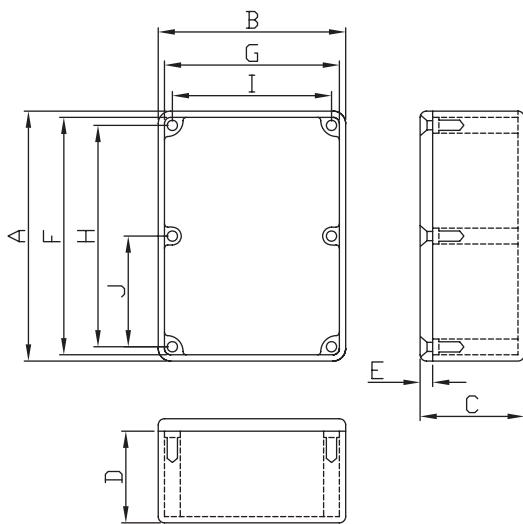
G0123, G0124, G0234, G0470, G0471, G0472, G0473, G0474, G0475, G0479



Dimension in mm

PART NO.	A	B	C	D	E	F	G	H	I
G0123	90.0	38.0	30.0	26.0	4.0	86.6	34.6	82.5	28.6
G0124	111.0	60.0	30.0	26.0	4.0	107.2	56.2	101.6	50.8
G0234	119.0	93.5	56.5	52.5	4.0	114.2	88.7	109.5	84.1
G0470	50.8	50.8	31.8	27.8	4.0	47.4	47.4	41.2	41.2
G0471	110.0	82.5	44.5	40.5	4.0	105.2	77.7	100.5	73.0
G0472	120.5	80.0	59.2	55.2	4.0	115.7	75.2	111.1	70.5
G0473	119.0	93.5	34.0	30.0	4.0	114.2	88.7	109.5	84.2
G0474	120.5	120.5	59.2	55.2	4.0	115.7	115.7	111.1	111.1
G0475	120.5	120.5	95.2	91.2	4.0	115.7	115.7	111.1	111.1
G0479	111.0	60.0	54.0	50.0	4.0	107.2	56.2	101.6	50.8

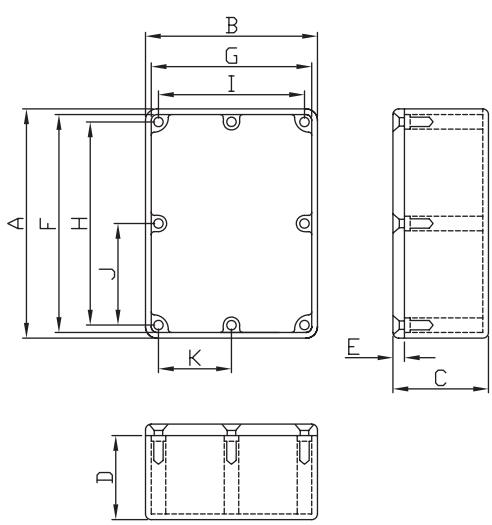
G0247, G0347, G0476, G0477



Dimension in mm

PART NO.	A	B	C	D	E	F	G	H	I	J
G0247	187.5	119.0	56.5	52.5	4.0	183.0	114.5	177.8	109.5	88.9
G0347	187.0	118.0	81.7	77.7	4.0	182.2	113.2	177.8	109.5	88.9
G0476	152.4	82.5	50.8	46.8	4.0	147.6	77.7	142.5	72.6	71.3
G0477	187.0	118.0	38.0	34.0	4.0	182.2	113.2	177.8	109.5	88.9

G0478



Dimension in mm

PART NO.	A	B	C	D	E	F	G	H	I	J	K
G0478	190.5	190.5	66.5	62.5	4.0	185.7	185.7	180.6	180.6	90.3	90.3

MULTI-PURPOSE, DIE-CAST ALUMINIUM BOX WITH MOUNTING FLANGE



PRODUCT INFORMATION

MATERIAL:

- Aluminium alloy ADC-12 to Japan (JIS)

FEATURES:

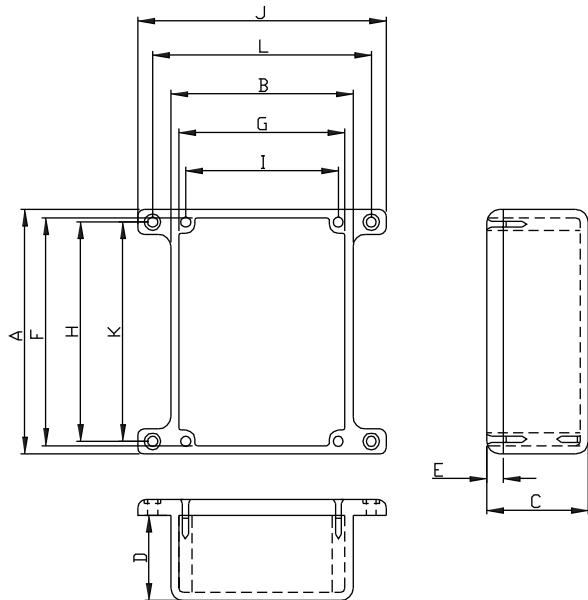
- Ideal for RF projects or for projects which are subject to weather.
- Robust, light weight and easy to machine.
- Ideal for projects involving heat as the case itself makes an excellent heatsink.

APPLICATION:

- Electrical
- Network junction box
- Stomp box (Guitar Pedal)

ITEM No.	EXTERNAL DIMENSION(mm)
G0123F	90 x 38 x 30
G0124F	111 x 60 x 30
G0234F	119 x 93.5 x 56.5
G0247F	187 x 118 x 56.5
G0347F	187 x 118 x 81.7
G0470F	50.8 x 50.8 x 31.8
G0471F	110 x 82.5 x 44.5
G0472F	120.5 x 80 x 59.2
G0473F	119 x 93.5 x 34
G0474F	120.5 x 120.5 x 59.2
G0475F	120.5 x 120.5 x 95.2
G0476F	152.4 x 82.5 x 50.8
G0477F	187 x 118 x 38
G0478F	190.5 x 190.5 x 66.5
G0479F	111 x 60 x 54

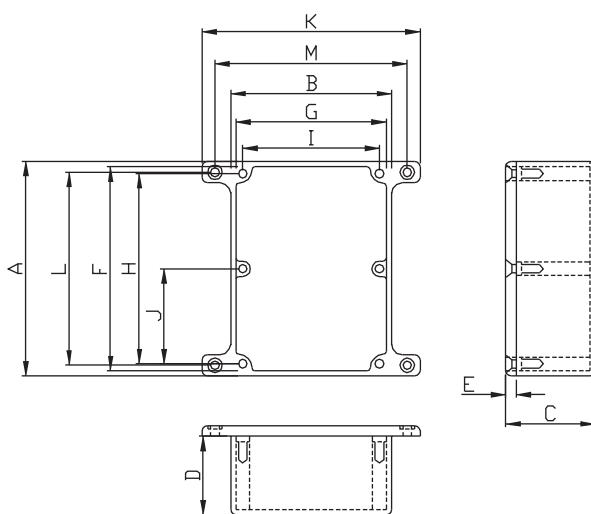
G0123F, G0124F, G0234F, G0470F, G0471F, G0472F, G0473F, G0474F, G0475F, G0479F



PART NO.	A	B	C	D	E	F	G	H	I	J	K	L
	92.0	38.0	31.0	26.9	4.0	86.0	31.7	82.5	28.6	63.1	82.5	50.0
G0124F	111.0	60.0	30.0	26.0	4.0	107.2	56.2	101.6	50.8	84.5	101.3	72.1
G0234F	119.0	93.5	56.5	52.5	4.0	114.2	88.7	109.5	84.1	118.5	105.6	104.7
G0470F	50.8	50.8	31.8	27.8	4.0	47.4	47.4	41.2	41.2	75.8	41.4	62.8
G0471F	110.0	82.5	44.5	40.5	4.0	105.2	77.7	100.5	73.0	107.5	100.7	94.7
G0472F	120.5	80.0	59.2	55.2	4.0	115.7	75.2	111.1	70.5	105.0	111.3	92.1
G0473F	119.0	93.5	34.0	30.0	4.0	114.2	88.7	109.5	84.2	118.5	105.6	104.7
G0474F	120.5	120.5	59.2	55.2	4.0	115.7	115.7	111.1	111.1	145.4	111.4	132.5
G0475F	120.5	120.5	95.2	91.2	4.0	115.7	115.7	111.1	111.1	145.4	111.4	132.5
G0479F	111.0	60.0	54.0	50.0	4.0	107.2	56.2	101.6	50.8	84.5	101.3	72.1

Dimension in mm

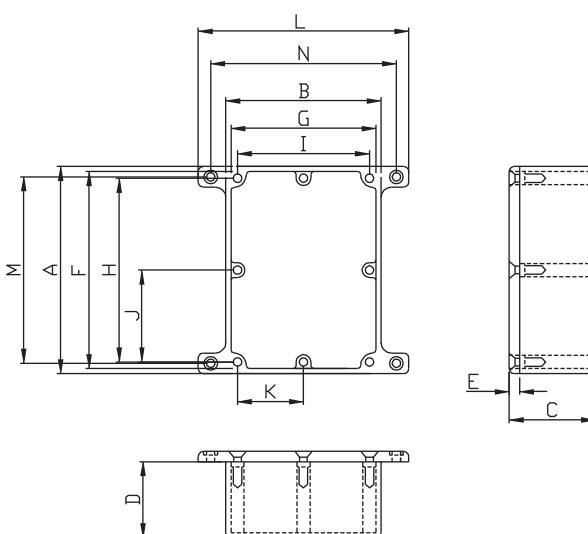
G0247F, G0347F, G0476F, G0477F



PART NO.	A	B	C	D	E	F	G	H	I	J	K	L	M
	187.0	118.0	56.0	52.5	4.0	182.2	113.2	177.8	109.5	88.9	143.0	178.2	130.0
G0247F	187.0	118.0	81.7	77.7	4.0	182.2	113.2	177.8	109.5	88.9	143.0	178.2	130.0
G0347F	187.0	118.0	38.0	34.0	4.0	182.2	113.2	177.8	109.5	88.9	143.0	178.2	130.0
G0476F	152.4	82.5	50.8	46.8	4.0	147.6	77.7	142.5	72.6	71.3	107.5	142.7	94.6
G0477F	187.0	118.0	38.0	34.0	4.0	182.2	113.2	177.8	109.5	88.9	143.0	178.2	130.0

Dimension in mm

G0478F



PART NO.	A	B	C	D	E	F	G
	190.5	190.5	66.5	62.5	4.0	185.7	185.7
G0478F	H	I	J	K	L	M	N
	180.6	180.6	90.3	90.3	215.5	180.9	202.5

SEALED POLYCARBONATE AND ABS ENCLOSURES

ETC IP65
CERTIFIED



PRODUCT INFORMATION

- The lid and base incorporate a tongue and groove sealing system with a EPDM gasket.
- Wall mounting holes and lid fixing screws are outside the sealing area thus preventing the ingress of moisture and dust.
- Designed to IP65 of IEC 529 (Dust and Hoseproof).
- Available with clear or light grey lids.
- Internal guide slots for mounting PCB assemblies vertically.
- Bosses on internal base allow fixing of PCB's horizontally or connection of terminals with M3X4mm self-tapping screws.

PC

- Material: Polycarbonate (UL94-HB)
- Moulded in: Light Grey.
- Operating temperature: -40°C to 120°C.
- Clear lid is available on request.

ABS

- Material: High Impact ABS (UL94-HB)
- Moulded in: Dark Grey.
- Operating temperature: -20°C to 80°C

Example



G258



G258C



G362

MATERIAL: POLYCARBONATE

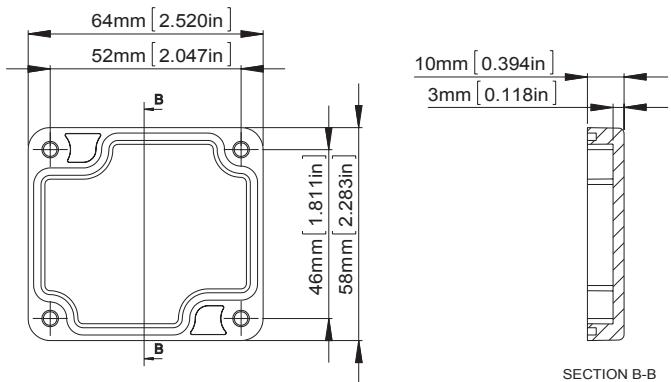
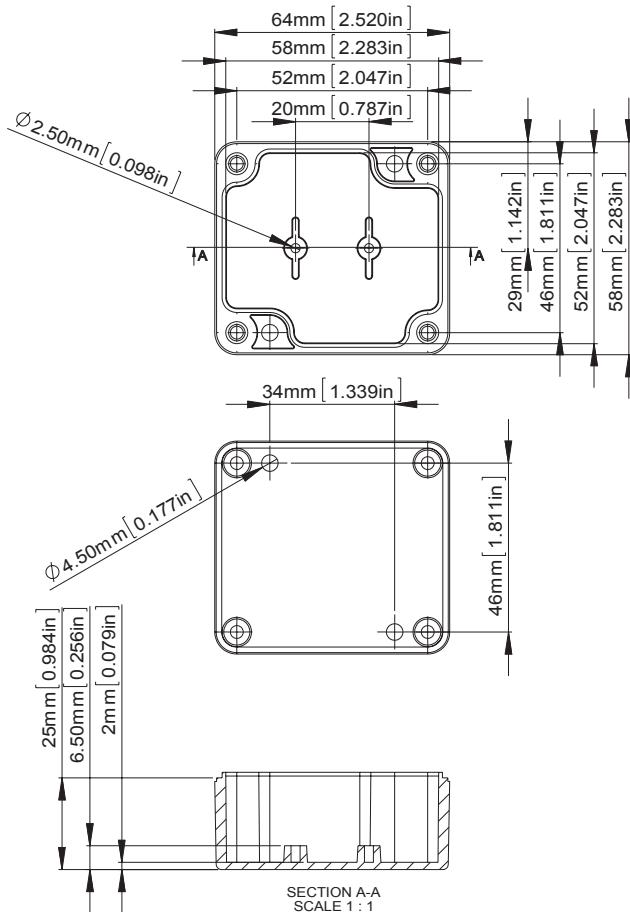
ITEM No.	COLOR		ITEM No.	COLOR	
	LID	BASE		LID	BASE
G201	Light Grey		G201C	Clear	Light Grey
G202	Light Grey	/		Clear	Light Grey
G203	Light Grey		G203C	Clear	Light Grey
G205	Light Grey		G205C	Clear	Light Grey
G212	Light Grey		G212C	Clear	Light Grey
G214	Light Grey		G214C	Clear	Light Grey
G218	Light Grey		G218C	Clear	Light Grey
G221	Light Grey		G221C	Clear	Light Grey
G223	Light Grey		G223C	Clear	Light Grey
G229	Light Grey		G229C	Clear	Light Grey
G232	Light Grey		G232C	Clear	Light Grey
G238	Light Grey		G238C	Clear	Light Grey
G250	Light Grey		G250C	Clear	Light Grey
G256	Light Grey		G256C	Clear	Light Grey
G258	Light Grey		G258C	Clear	Light Grey
G265	Light Grey		G265C	Clear	Light Grey
G269	Light Grey		G269C	Clear	Light Grey
G278	Light Grey		G278C	Clear	Light Grey
G279	Light Grey		G279C	Clear	Light Grey
G287	Light Grey		G287C	Clear	Light Grey
G288	Light Grey		G288C	Clear	Light Grey
G2018	Light Grey		G2018C	Clear	Light Grey
G2025	Light Grey		G2025C	Clear	Light Grey
G2029	Light Grey		G2029C	Clear	Light Grey
G2038	Light Grey		G2038C	Clear	Light Grey
G2058	Light Grey		G2058C	Clear	Light Grey

MATERIAL: ABS

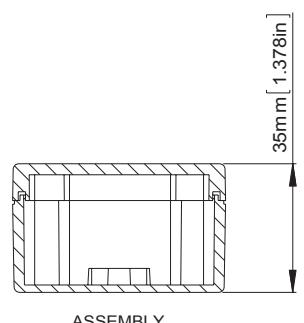
ITEM No.	COLOR		EXTERNAL DIMENSION(mm)
	LID	BASE	
G302	Dark Grey		64 x 58 x 35
G303	Dark Grey		184 x 36 x 35
G304	Dark Grey		115 x 65 x 40
G308	Dark Grey		115 x 65 x 55
G311	Dark Grey		115 x 90 x 55
G313	Dark Grey		171 x 121 x 55
G317	Dark Grey		222 x 146 x 55
G331	Dark Grey		115 x 90 x 80
G340	Dark Grey		171 x 121 x 80
G346	Dark Grey		195 x 80 x 55
G353	Dark Grey		222 x 146 x 75
G378	Dark Grey		265 x 185 x 95
G362	Dark Grey		52 x 50 x 35
G366	Dark Grey		82 x 80 x 55
G368	Dark Grey		160 x 80 x 55
G369	Dark Grey		160 x 80 x 85
G373	Dark Grey		200 x 120 x 75
G386	Dark Grey		120 x 120 x 60
G387	Dark Grey		120 x 120 x 90
G396	Dark Grey		160 x 160 x 60
G399	Dark Grey		160 x 160 x 90
G3008	Dark Grey		240 x 160 x 90
G3019	Dark Grey		240 x 160 x 120
G3028	Dark Grey		300 x 230 x 86
G3031	Dark Grey		300 x 230 x 111
G3039	Dark Grey		360 x 200 x 150

► Lid fixing screw are M4 stainless steel (non-magnetic) into threaded brass inserts.

G201 / G201C / G302

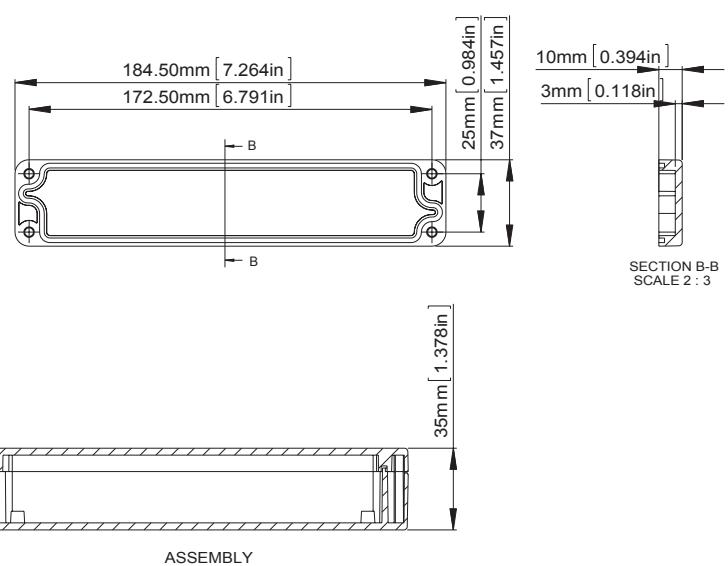
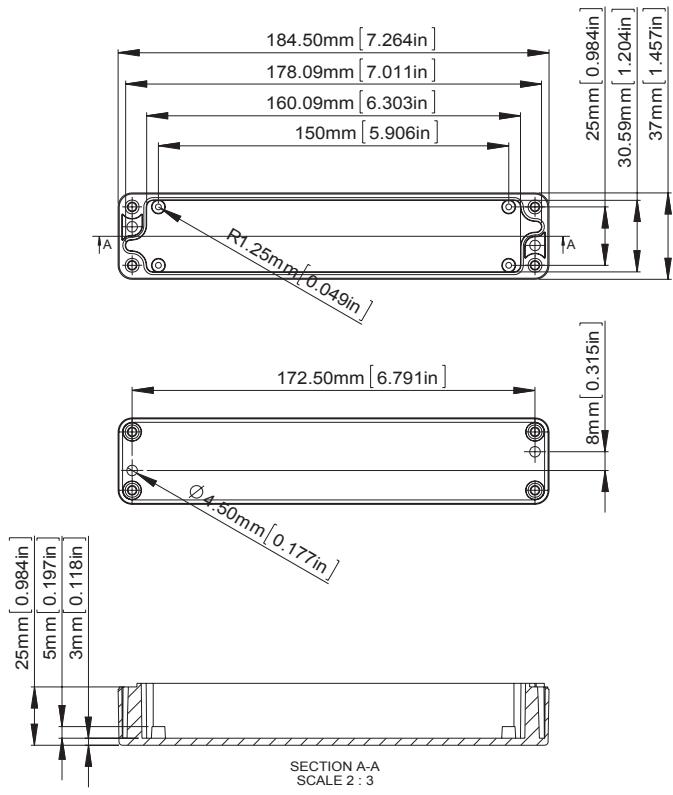


SECTION B-B
SCALE 1 : 1

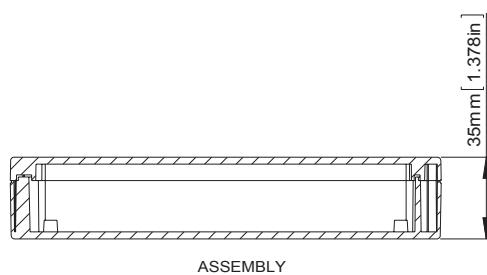


According to ISO 2768-m		
Measuring	DIM=L	Tolerances
0.5<L<=3.0mm		$\pm 0.1\text{mm}$
3.0<L<=6.0 mm		$\pm 0.1\text{mm}$
6.0<L<=30.0 mm		$\pm 0.2\text{mm}$
30.0<L<=120.0 mm		$\pm 0.3\text{mm}$
120.0<L<=400.0 mm		$\pm 0.5\text{mm}$
400.0<L<=1000.0 mm		$\pm 0.8\text{mm}$

G202 / G303

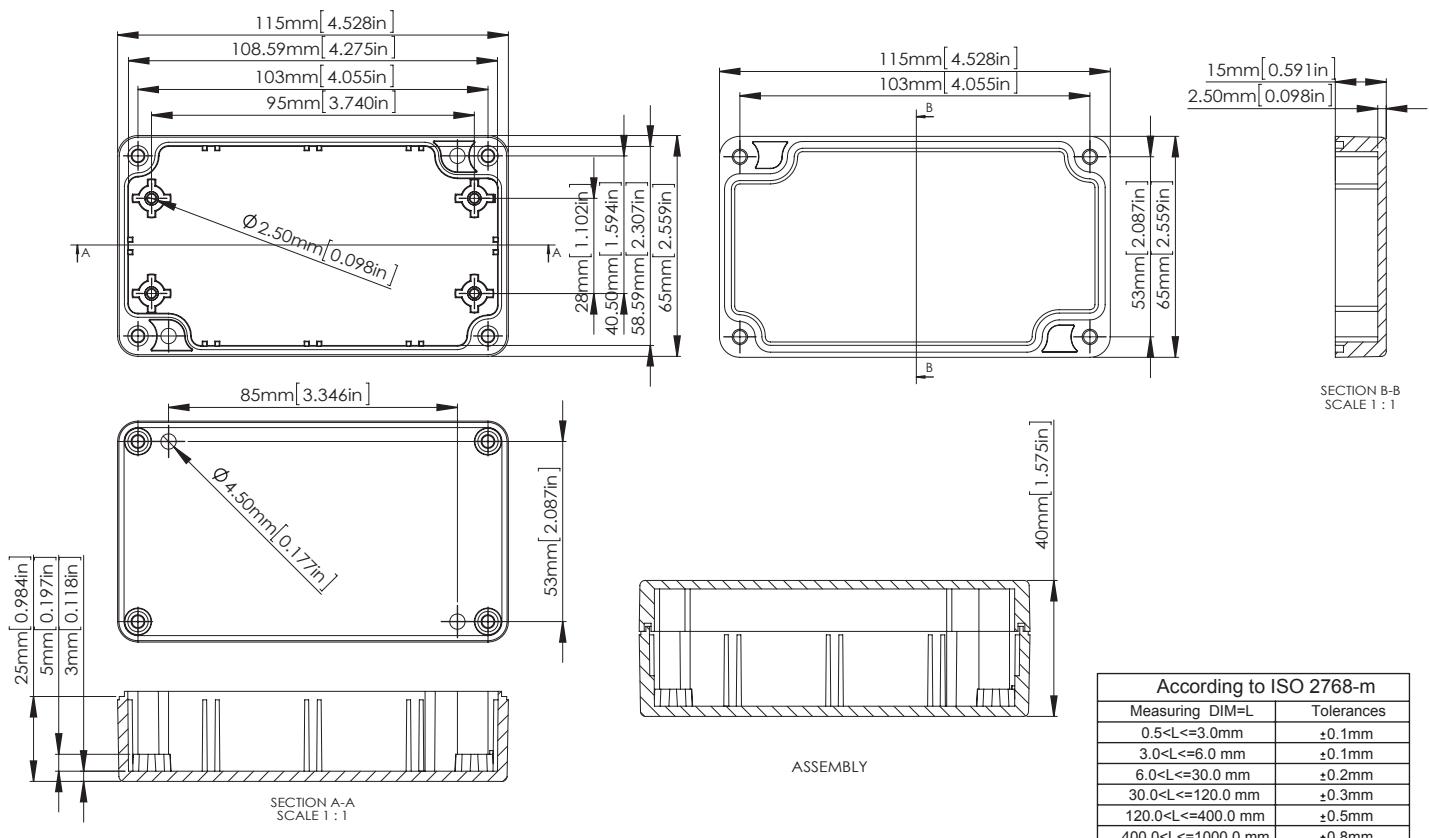


SECTION B-B
SCALE 2 : 3

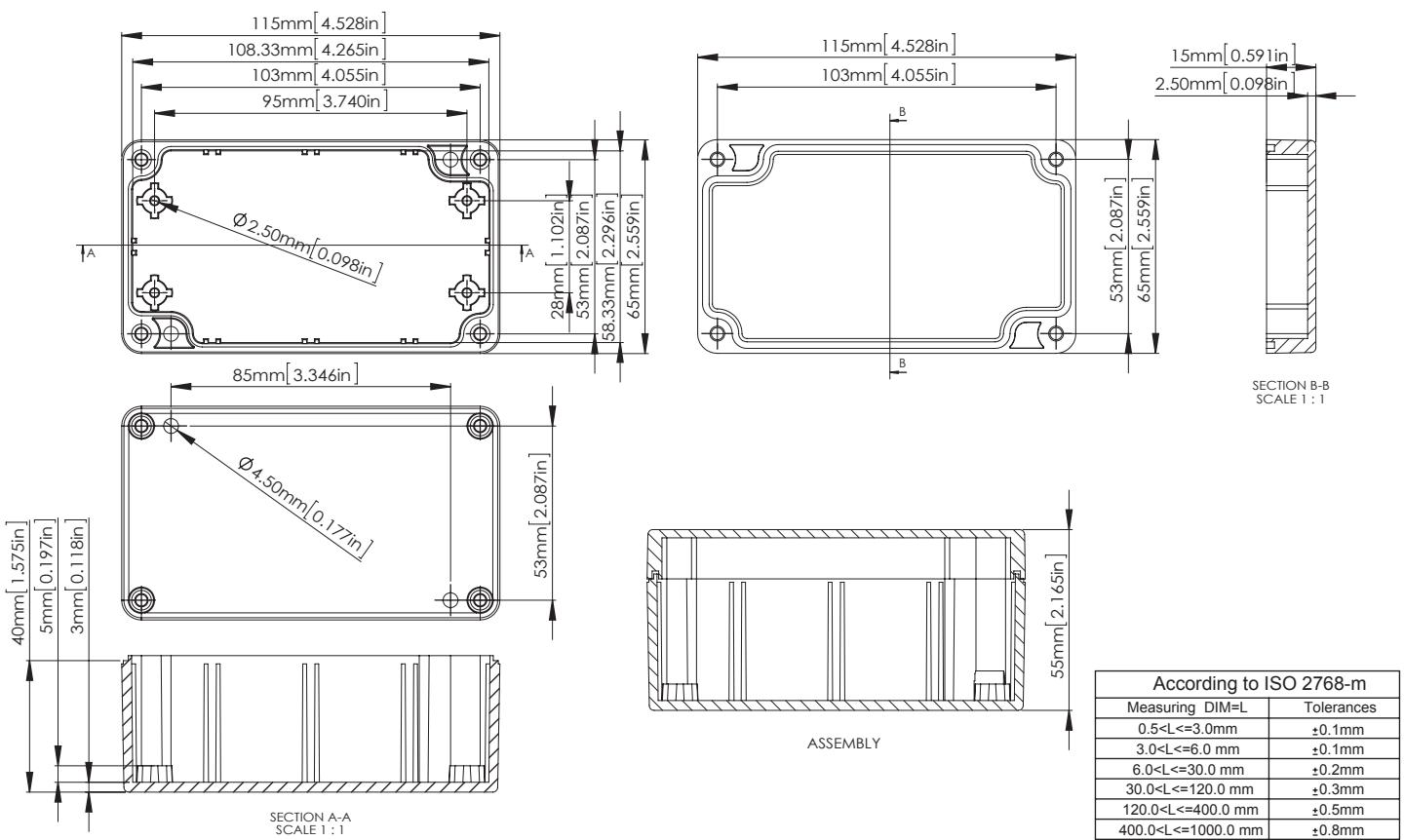


According to ISO 2768-m		
Measuring	DIM=L	Tolerances
0.5<L<=3.0mm		$\pm 0.1\text{mm}$
3.0<L<=6.0 mm		$\pm 0.1\text{mm}$
6.0<L<=30.0 mm		$\pm 0.2\text{mm}$
30.0<L<=120.0 mm		$\pm 0.3\text{mm}$
120.0<L<=400.0 mm		$\pm 0.5\text{mm}$
400.0<L<=1000.0 mm		$\pm 0.8\text{mm}$

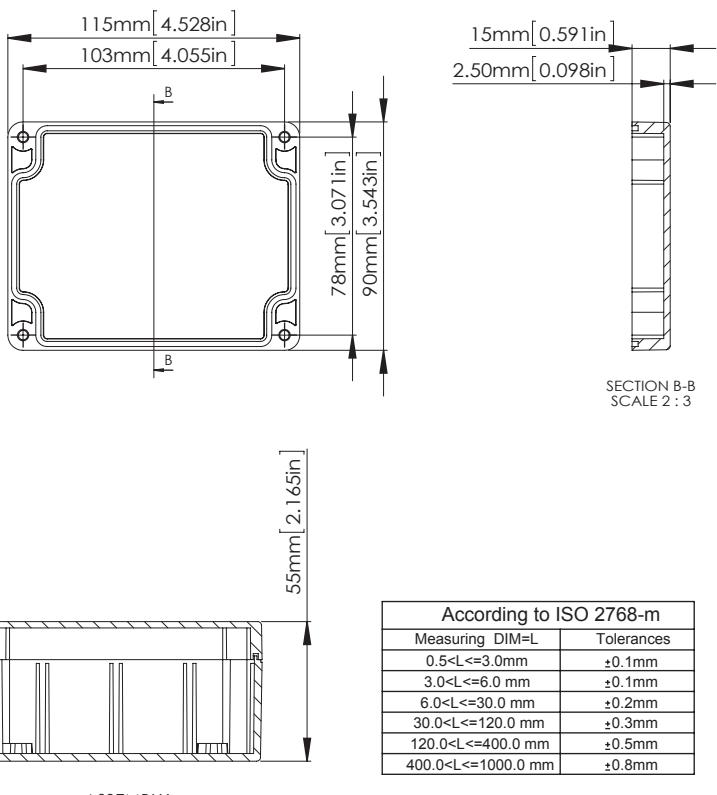
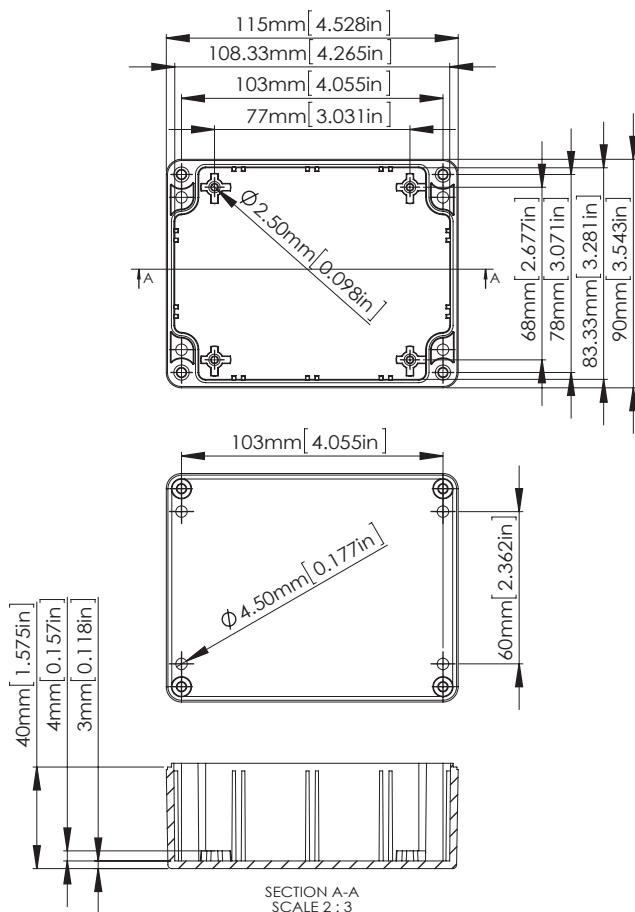
G203 / G203C / G304



G205 / G205C / G308

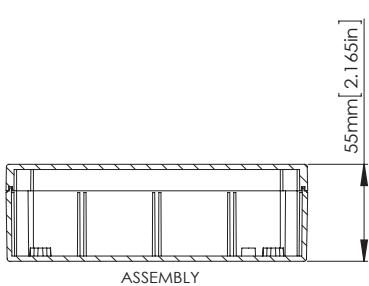
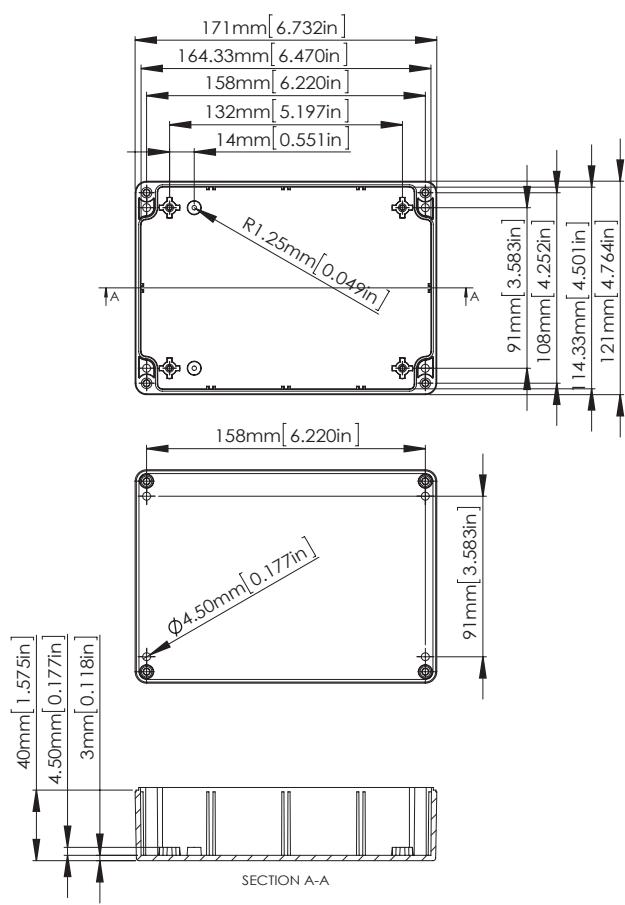


G212 / G212C / G311



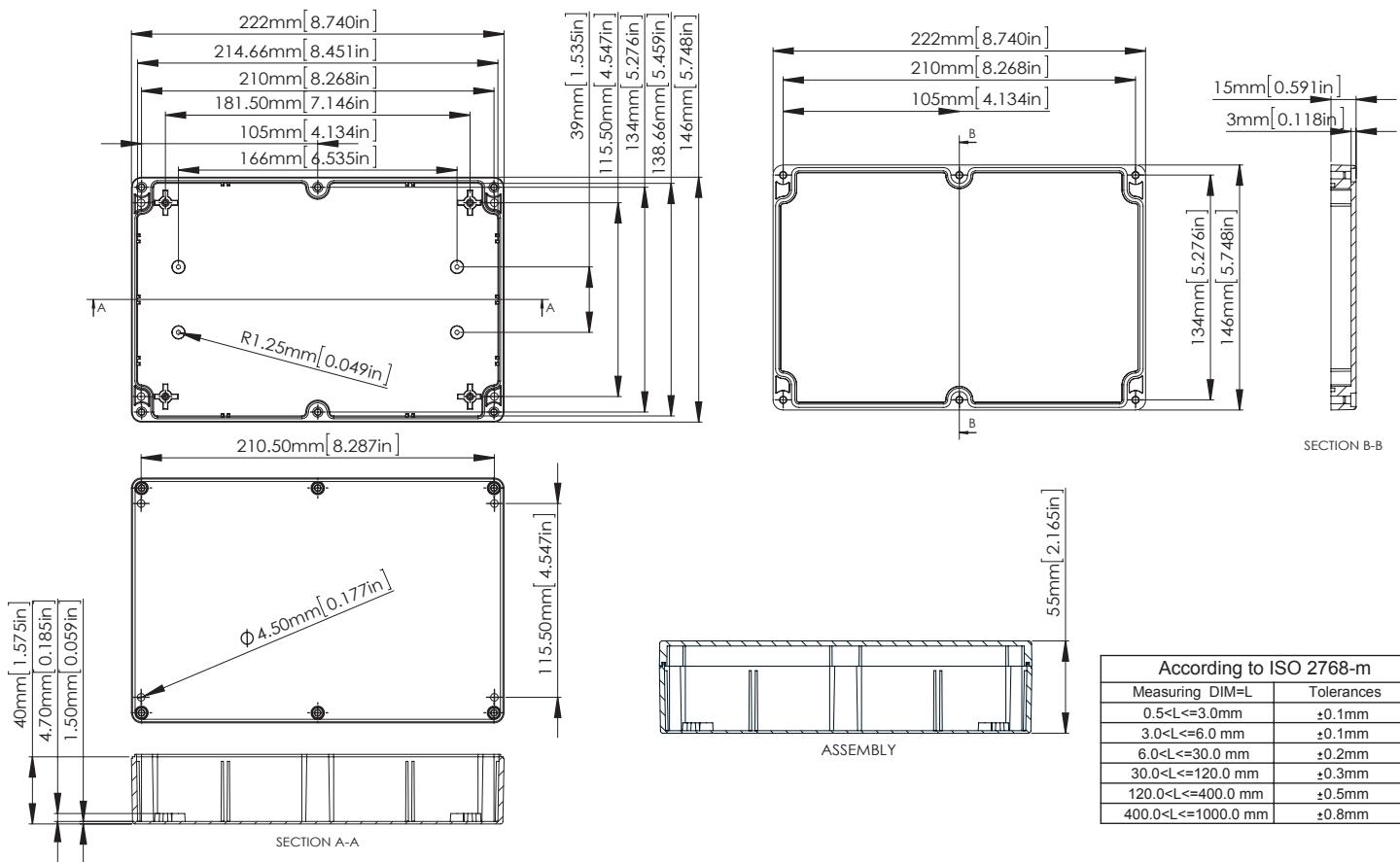
According to ISO 2768-m	
Measuring DIM=L	Tolerances
0.5<L<=3.0mm	±0.1mm
3.0<L<=6.0 mm	±0.1mm
6.0<L<=30.0 mm	±0.2mm
30.0<L<=120.0 mm	±0.3mm
120.0<L<=400.0 mm	±0.5mm
400.0<L<=1000.0 mm	±0.8mm

G214 / G214C / G313

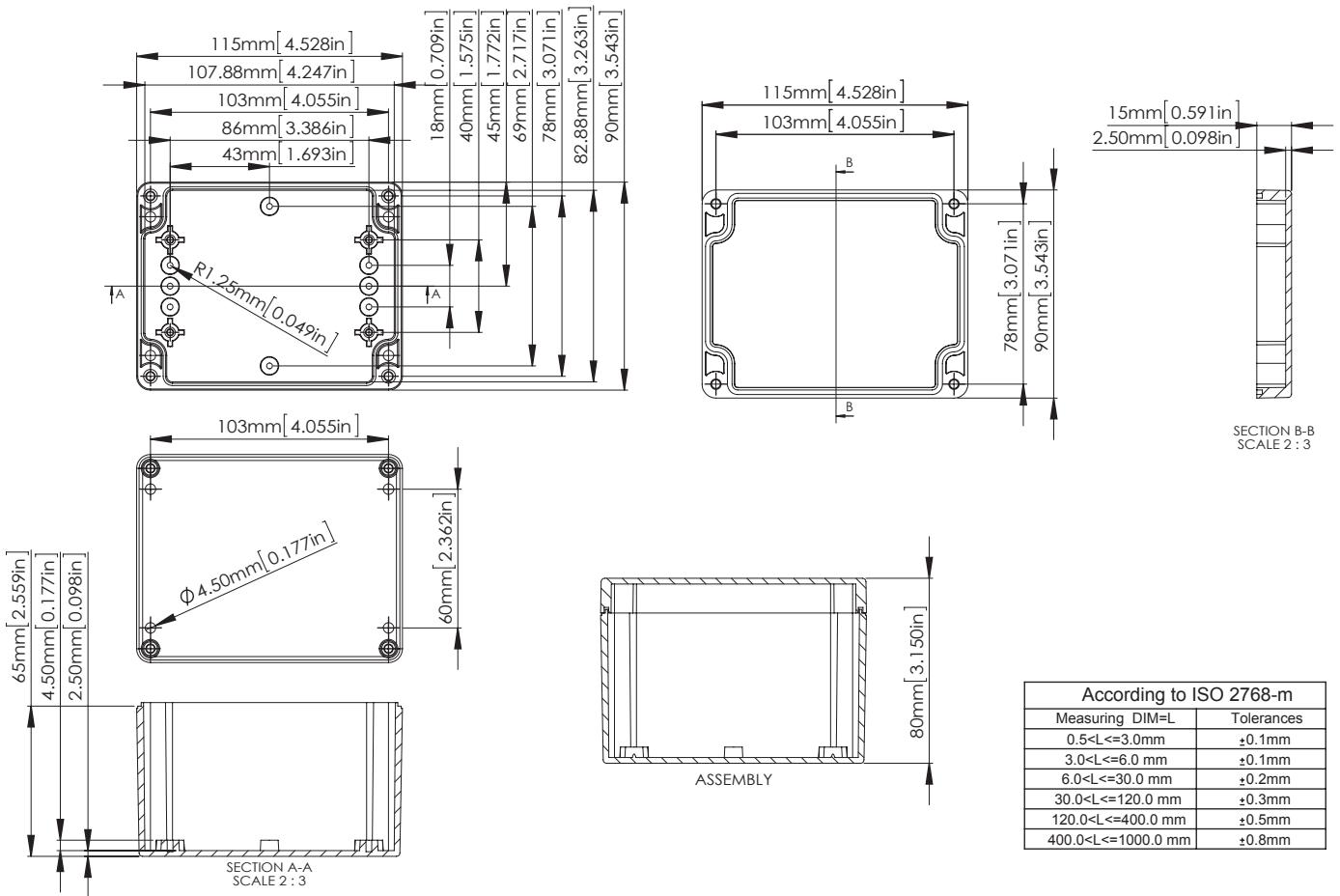


According to ISO 2768-m	
Measuring DIM=L	Tolerances
0.5<L<=3.0mm	±0.1mm
3.0<L<=6.0 mm	±0.1mm
6.0<L<=30.0 mm	±0.2mm
30.0<L<=120.0 mm	±0.3mm
120.0<L<=400.0 mm	±0.5mm
400.0<L<=1000.0 mm	±0.8mm

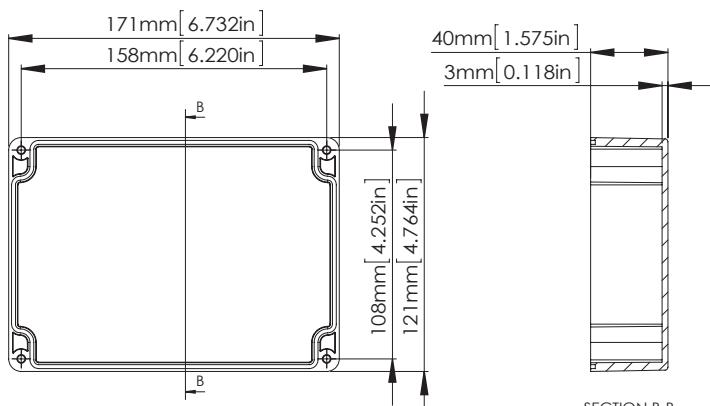
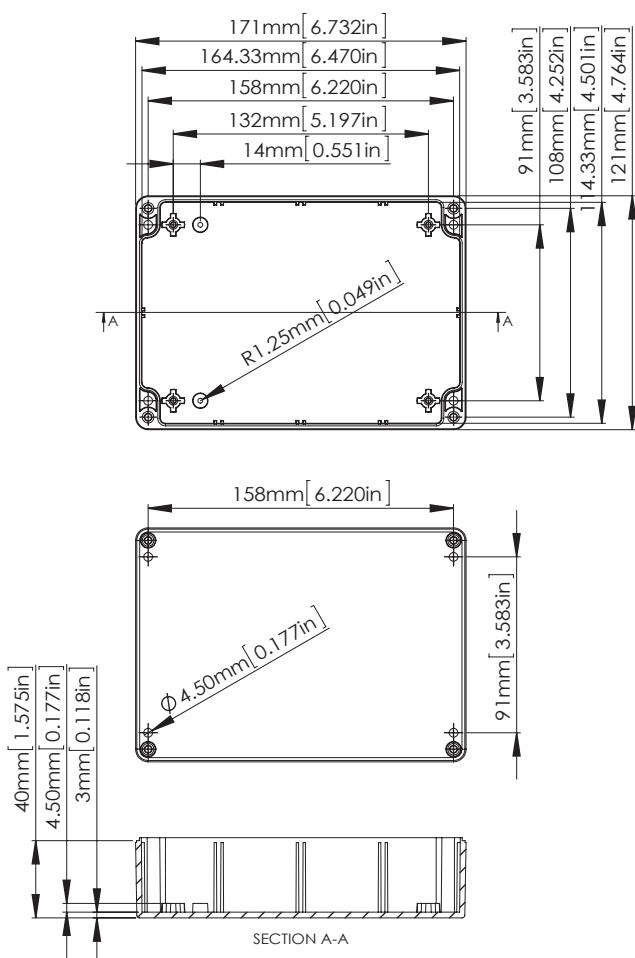
G218 / G218C / G317



G221 / G221C / G331



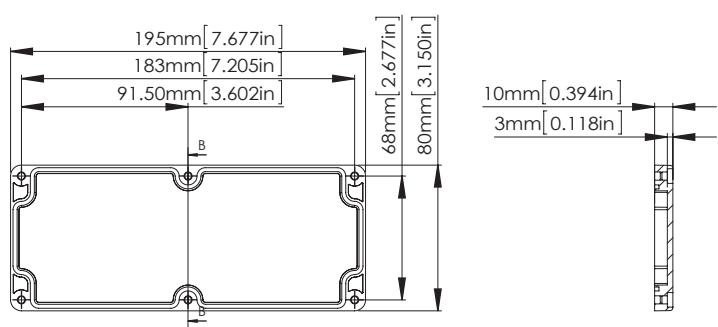
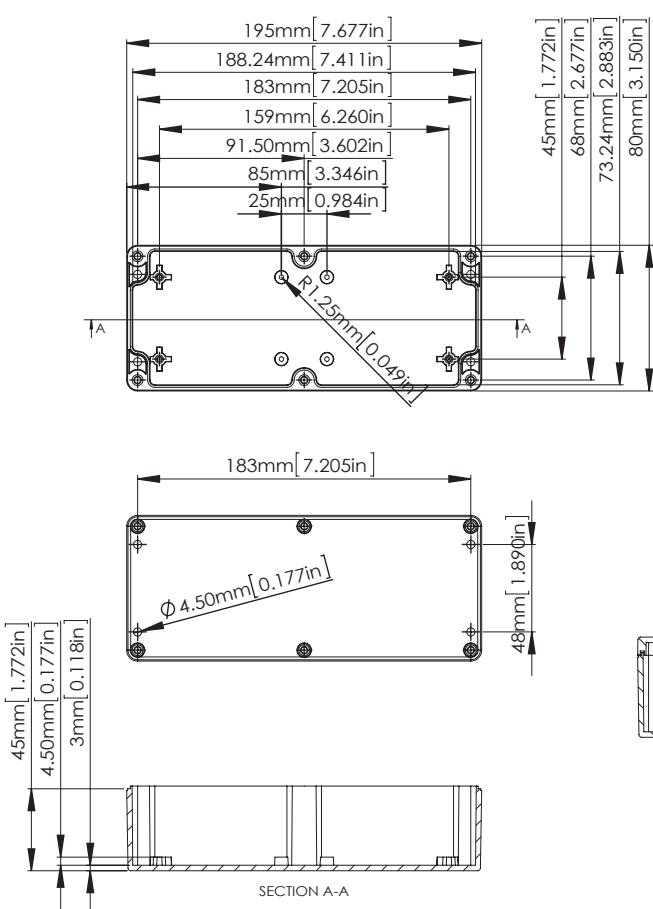
G223 / G223C / G340



SECTION B-B

According to ISO 2768-m	
Measuring DIM=L	Tolerances
0.5<L<=3.0mm	±0.1mm
3.0<L<=6.0 mm	±0.1mm
6.0<L<=30.0 mm	±0.2mm
30.0<L<=120.0 mm	±0.3mm
120.0<L<=400.0 mm	±0.5mm
400.0<L<=1000.0 mm	±0.8mm

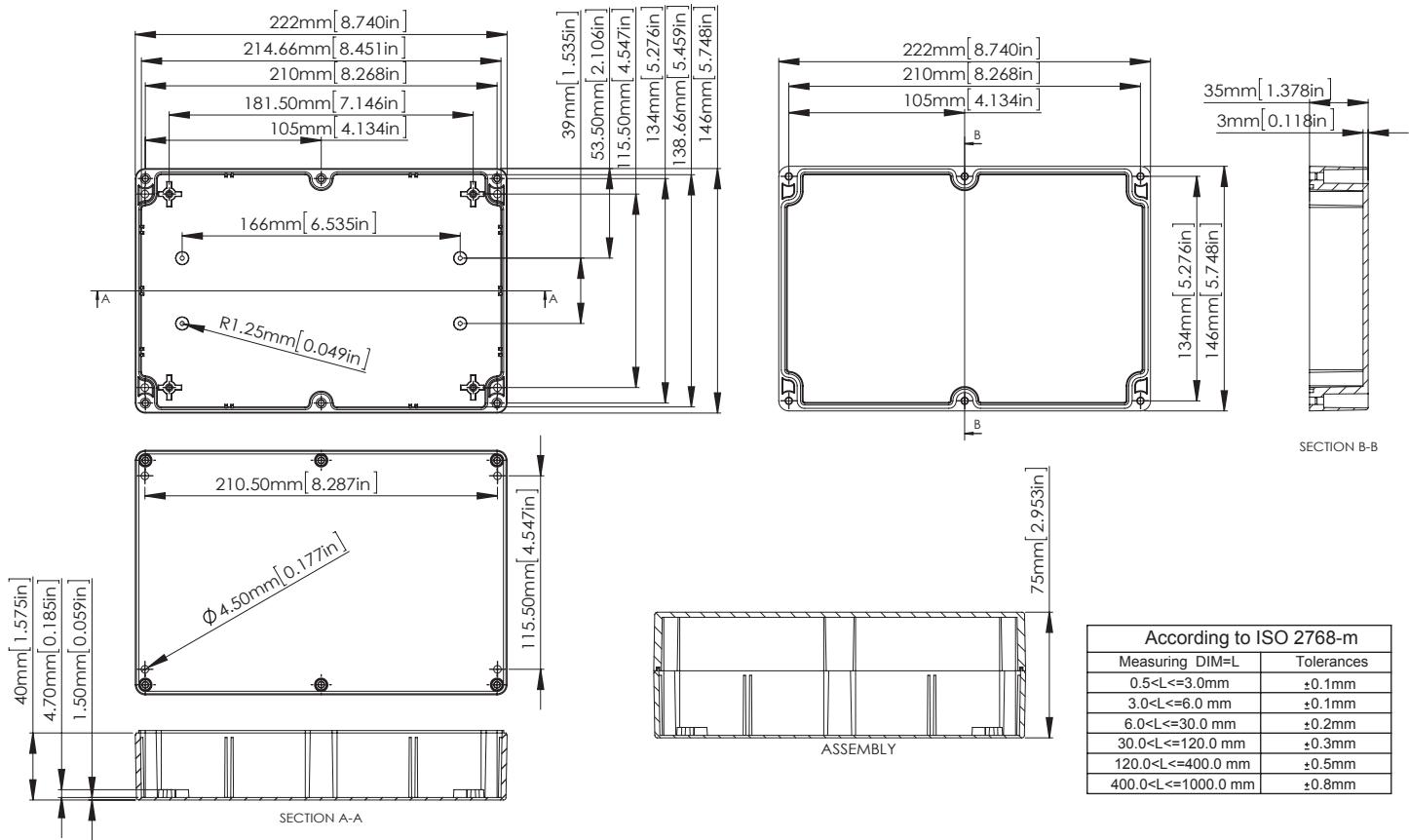
G229 / G229C / G346



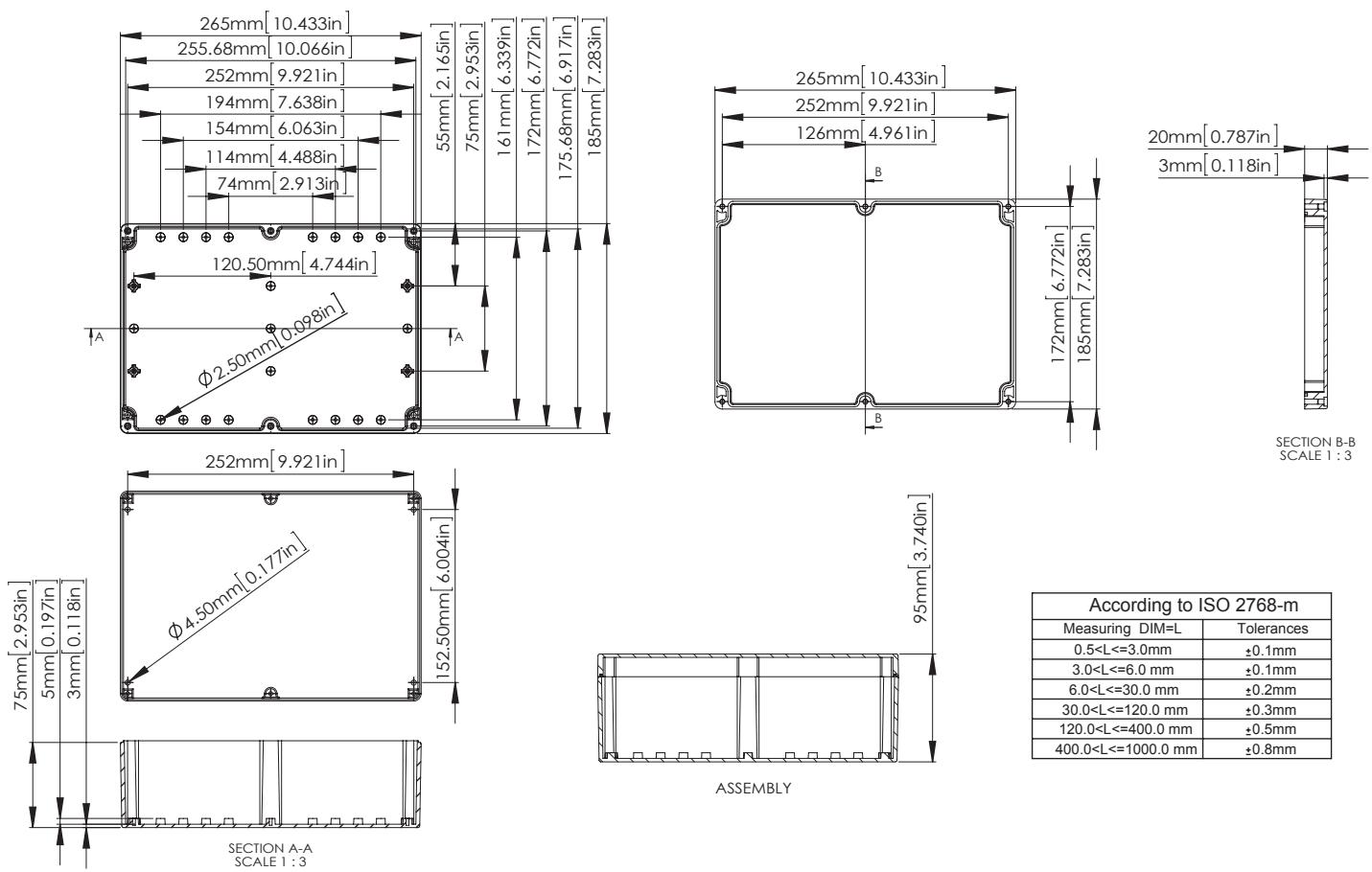
SECTION B-B

According to ISO 2768-m	
Measuring DIM=L	Tolerances
0.5<L<=3.0mm	±0.1mm
3.0<L<=6.0 mm	±0.1mm
6.0<L<=30.0 mm	±0.2mm
30.0<L<=120.0 mm	±0.3mm
120.0<L<=400.0 mm	±0.5mm
400.0<L<=1000.0 mm	±0.8mm

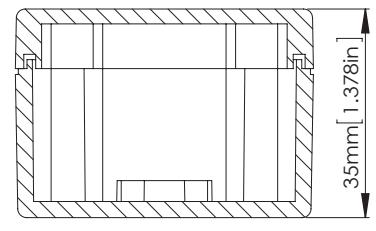
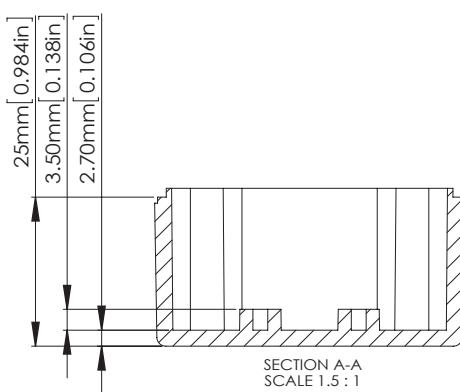
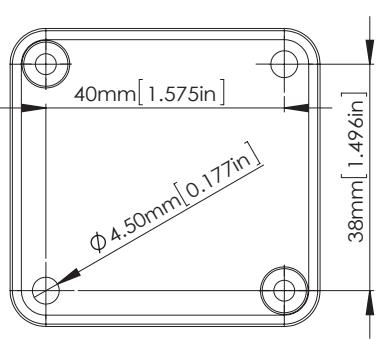
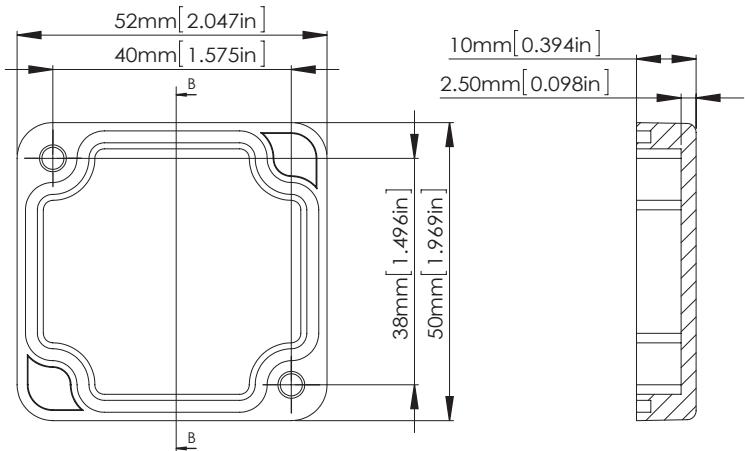
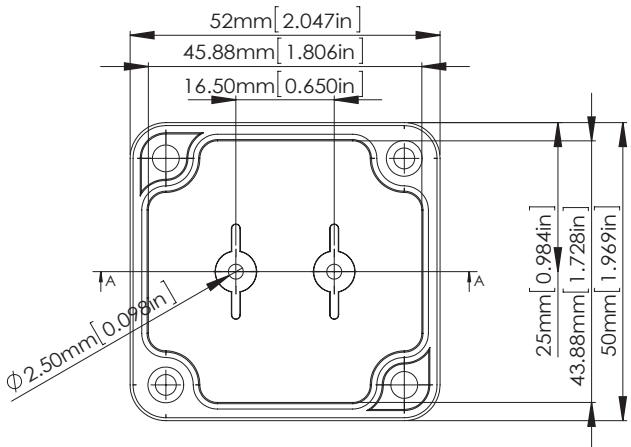
G232 / G232C / G353



G238 / G238C / G378

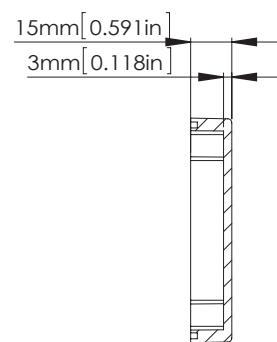
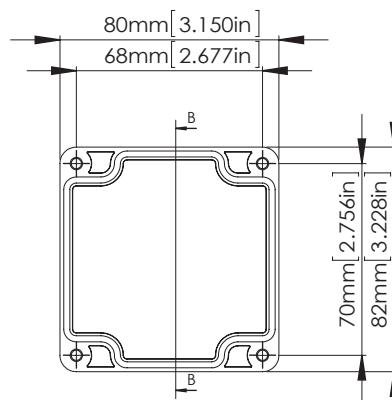
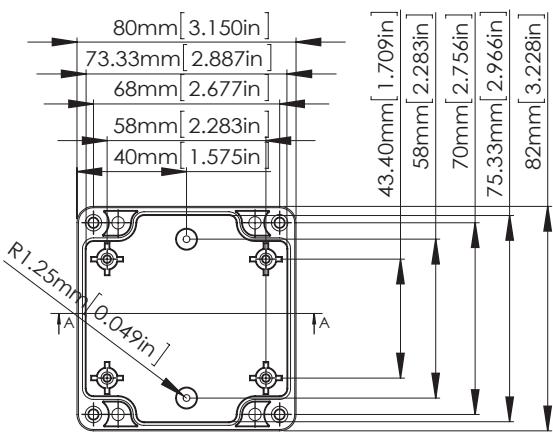


G250 / G250C / G362

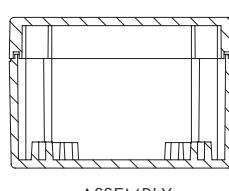
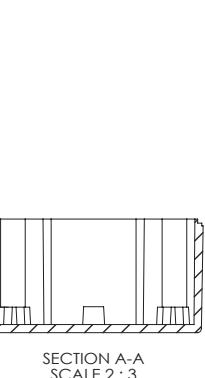
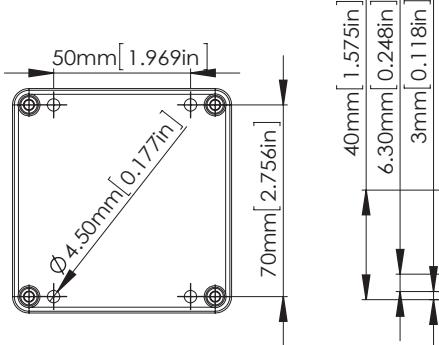


G256 / G256C / G366

According to ISO 2768-m	
Measuring DIM=L	Tolerances
0.5 < L <= 3.0 mm	±0.1mm
3.0 < L <= 6.0 mm	±0.1mm
6.0 < L <= 30.0 mm	±0.2mm
30.0 < L <= 120.0 mm	±0.3mm
120.0 < L <= 400.0 mm	±0.5mm
400.0 < L <= 1000.0 mm	±0.8mm

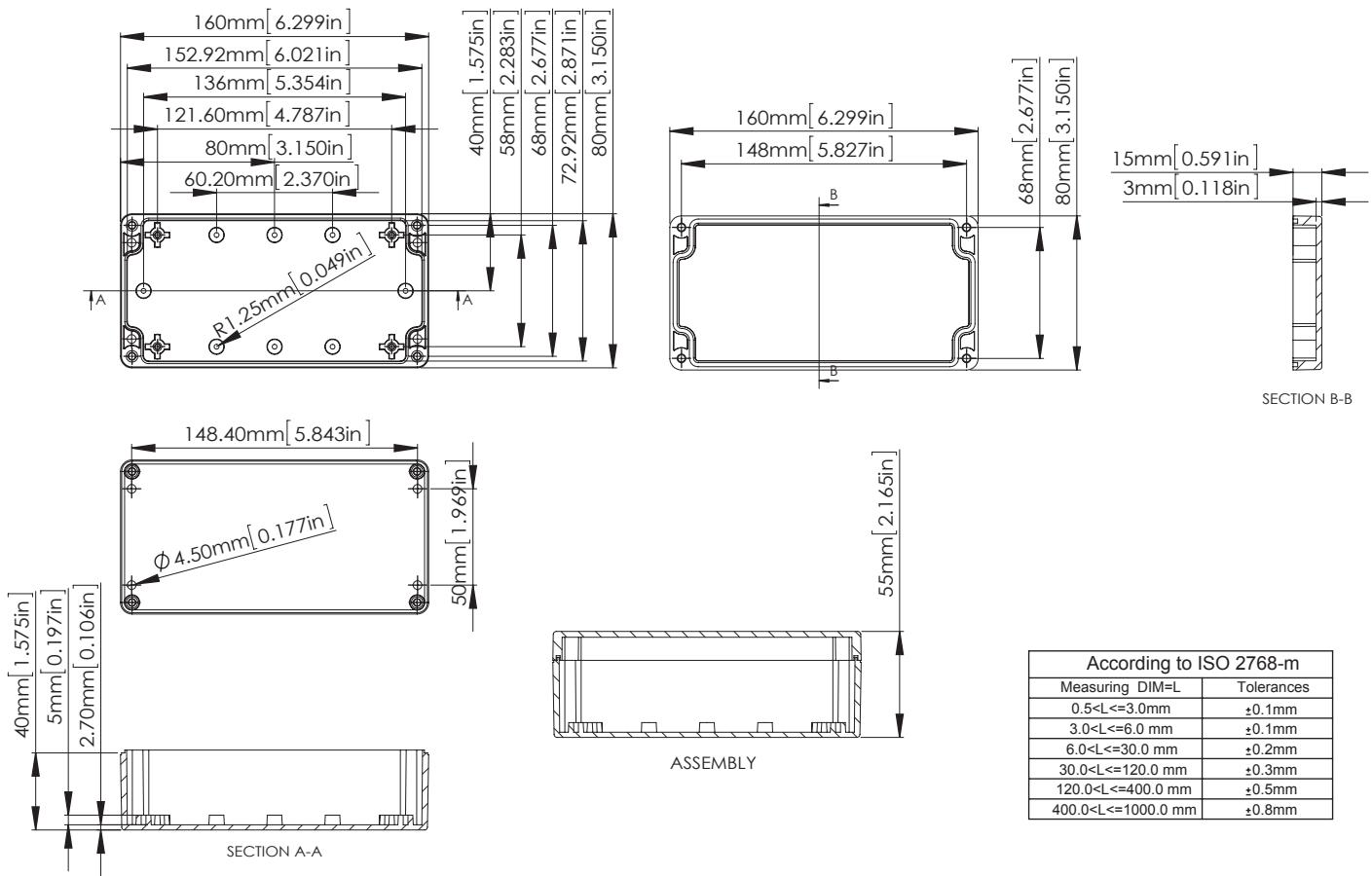


SECTION B-B
SCALE 2 : 3

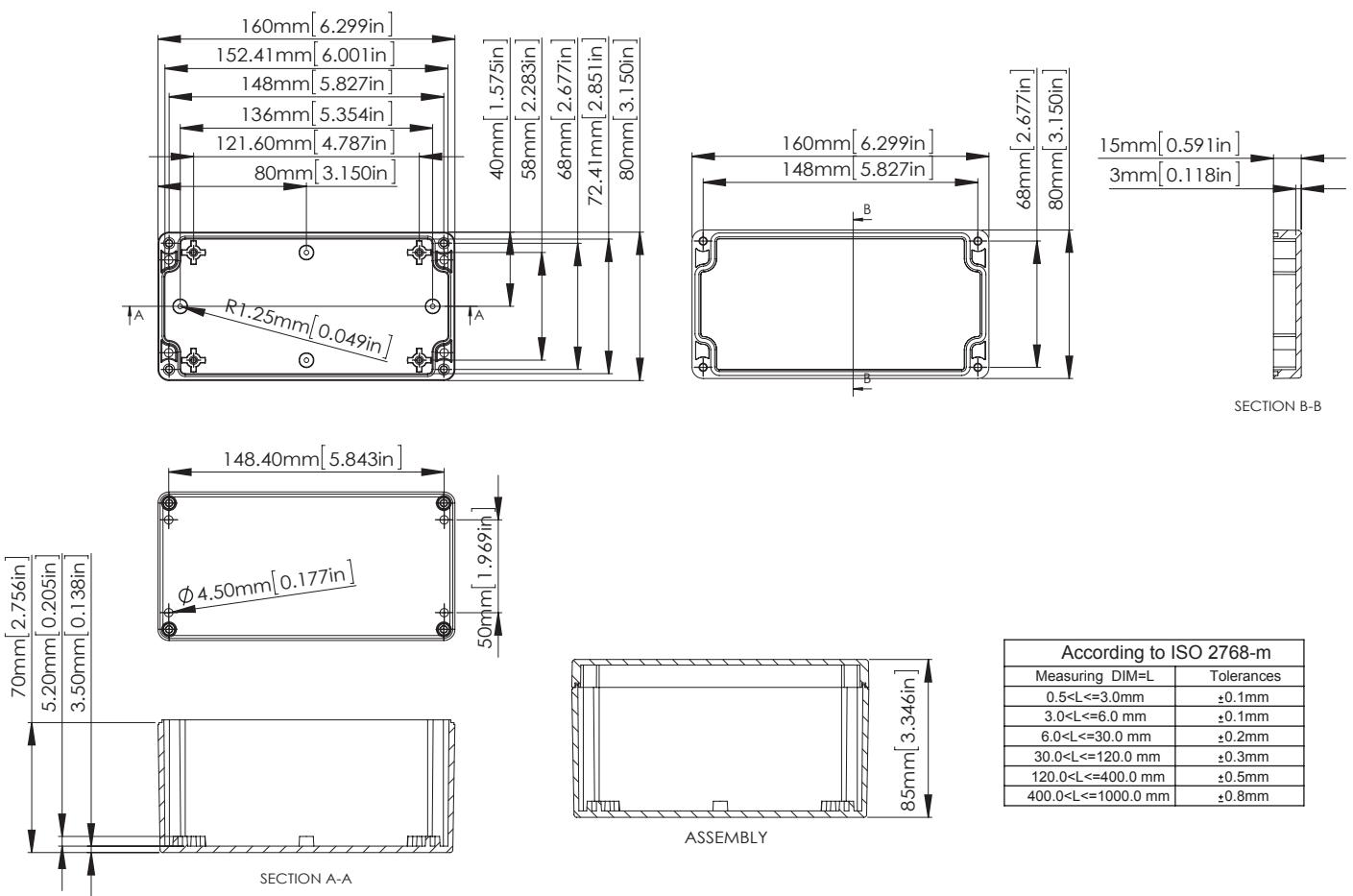


According to ISO 2768-m	
Measuring DIM=L	Tolerances
0.5 < L <= 3.0 mm	±0.1mm
3.0 < L <= 6.0 mm	±0.1mm
6.0 < L <= 30.0 mm	±0.2mm
30.0 < L <= 120.0 mm	±0.3mm
120.0 < L <= 400.0 mm	±0.5mm
400.0 < L <= 1000.0 mm	±0.8mm

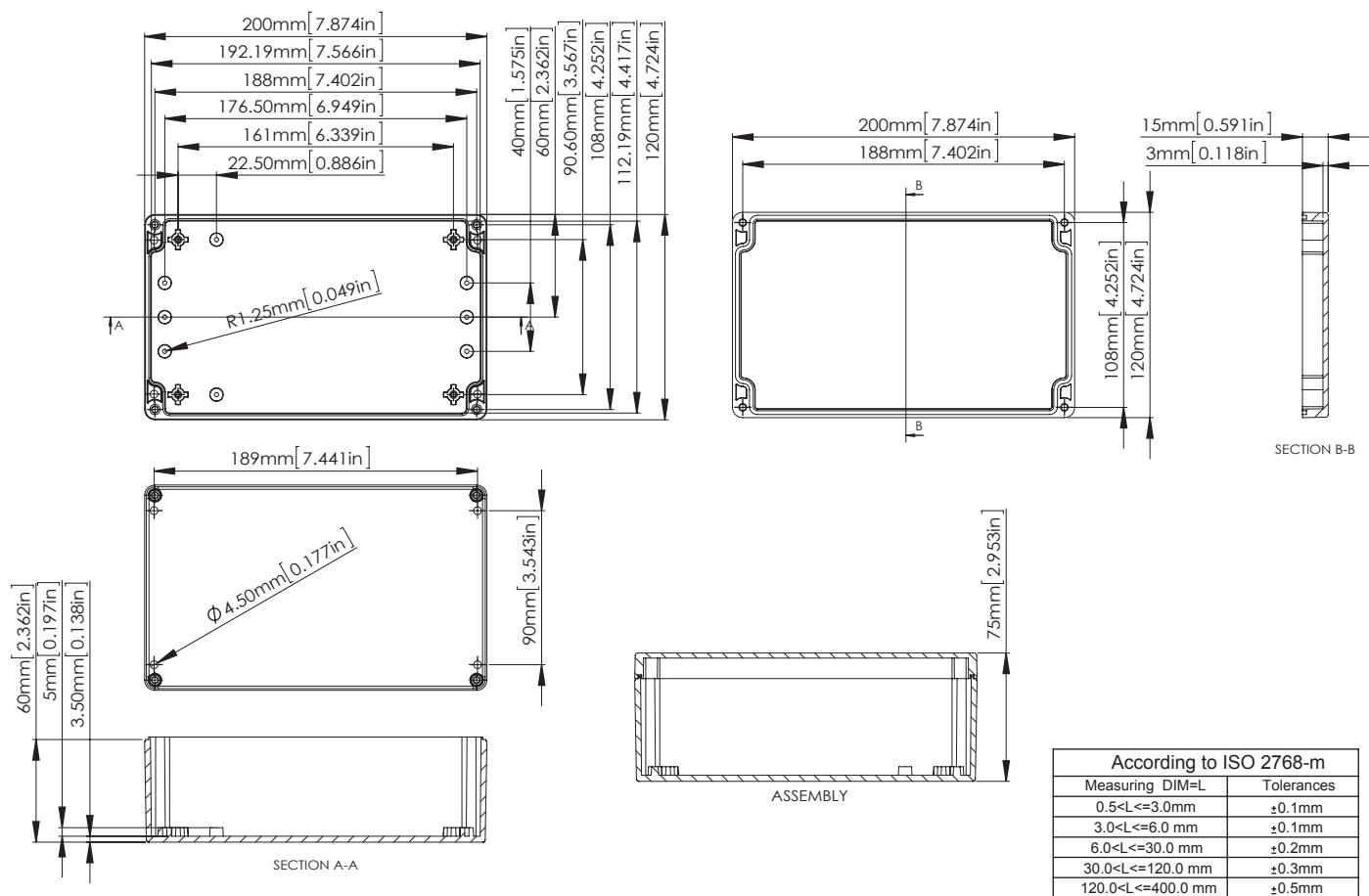
G258 / G258C / G368



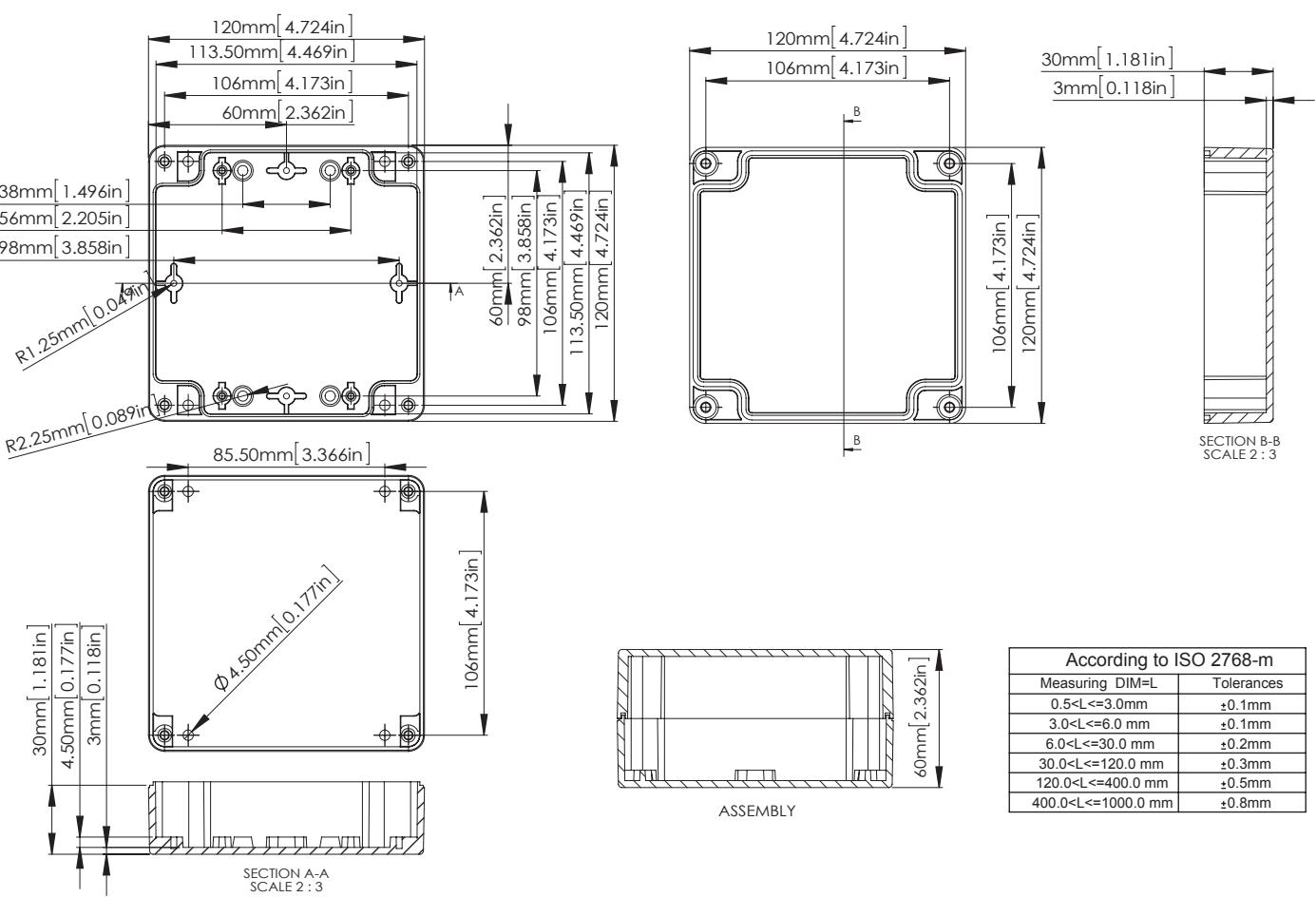
G265 / G265C / G369



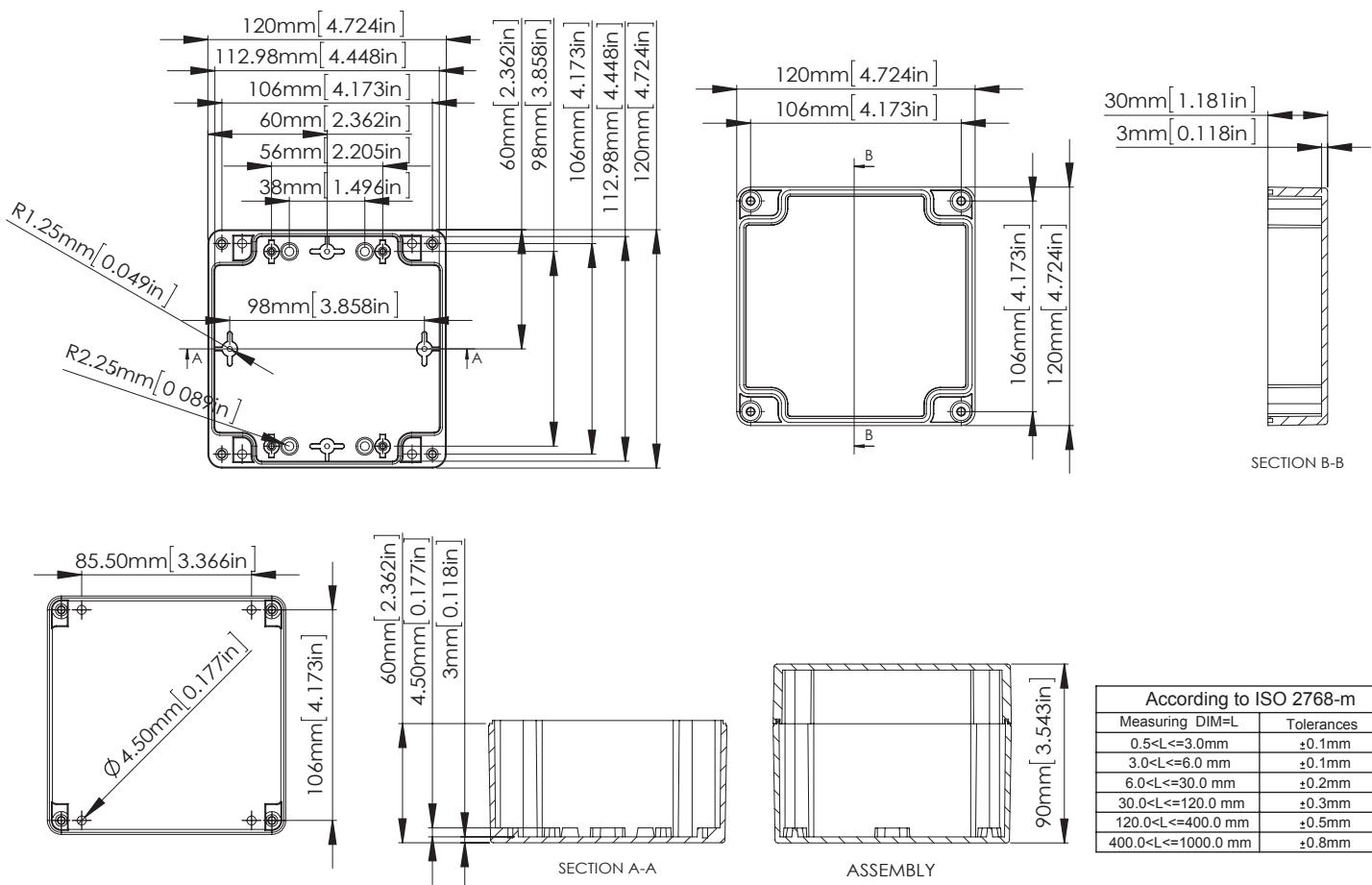
G269 / G269C / G373



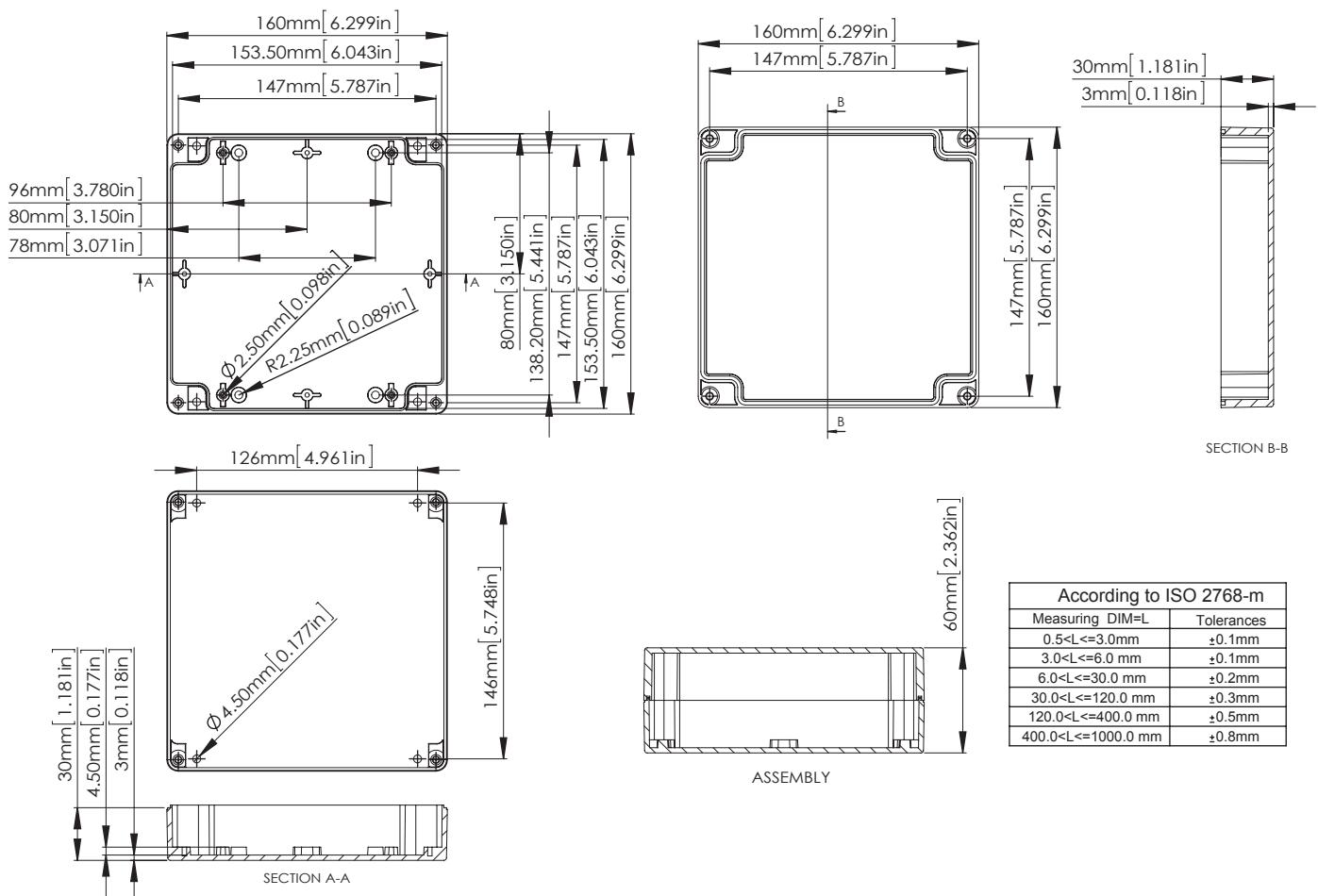
G278 / G278C / G386



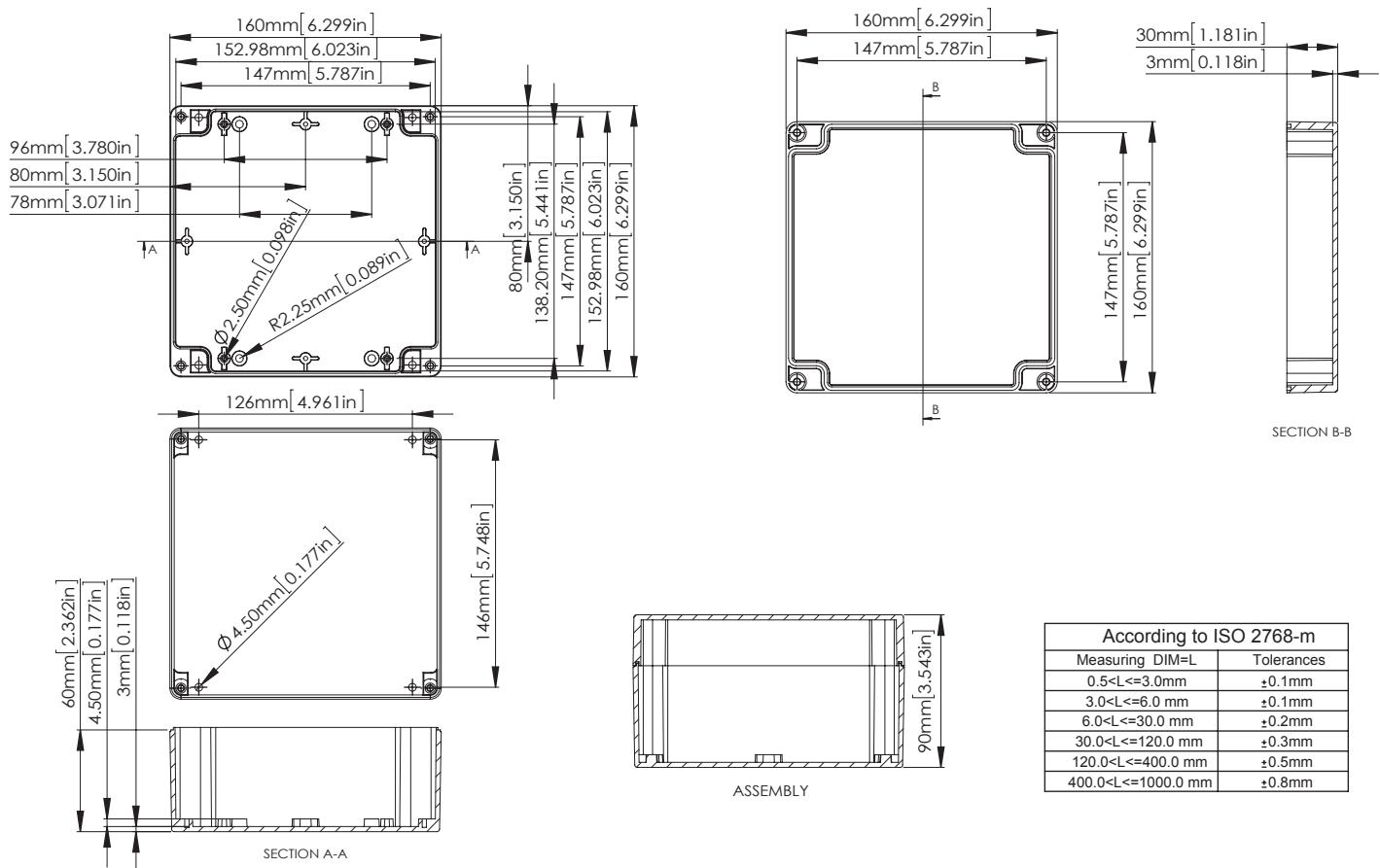
G279 / G279C / G387



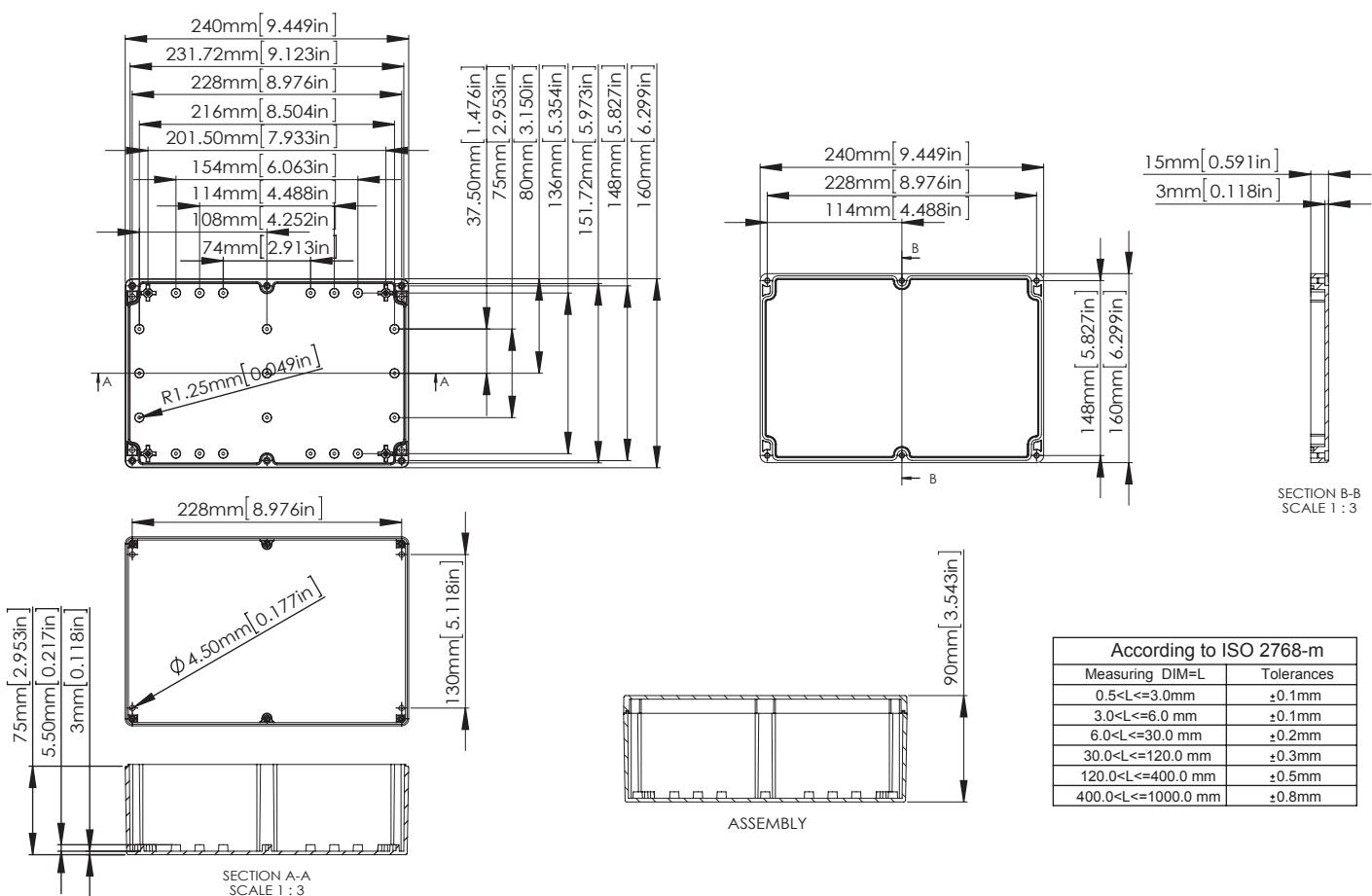
G287 / G287C / G396



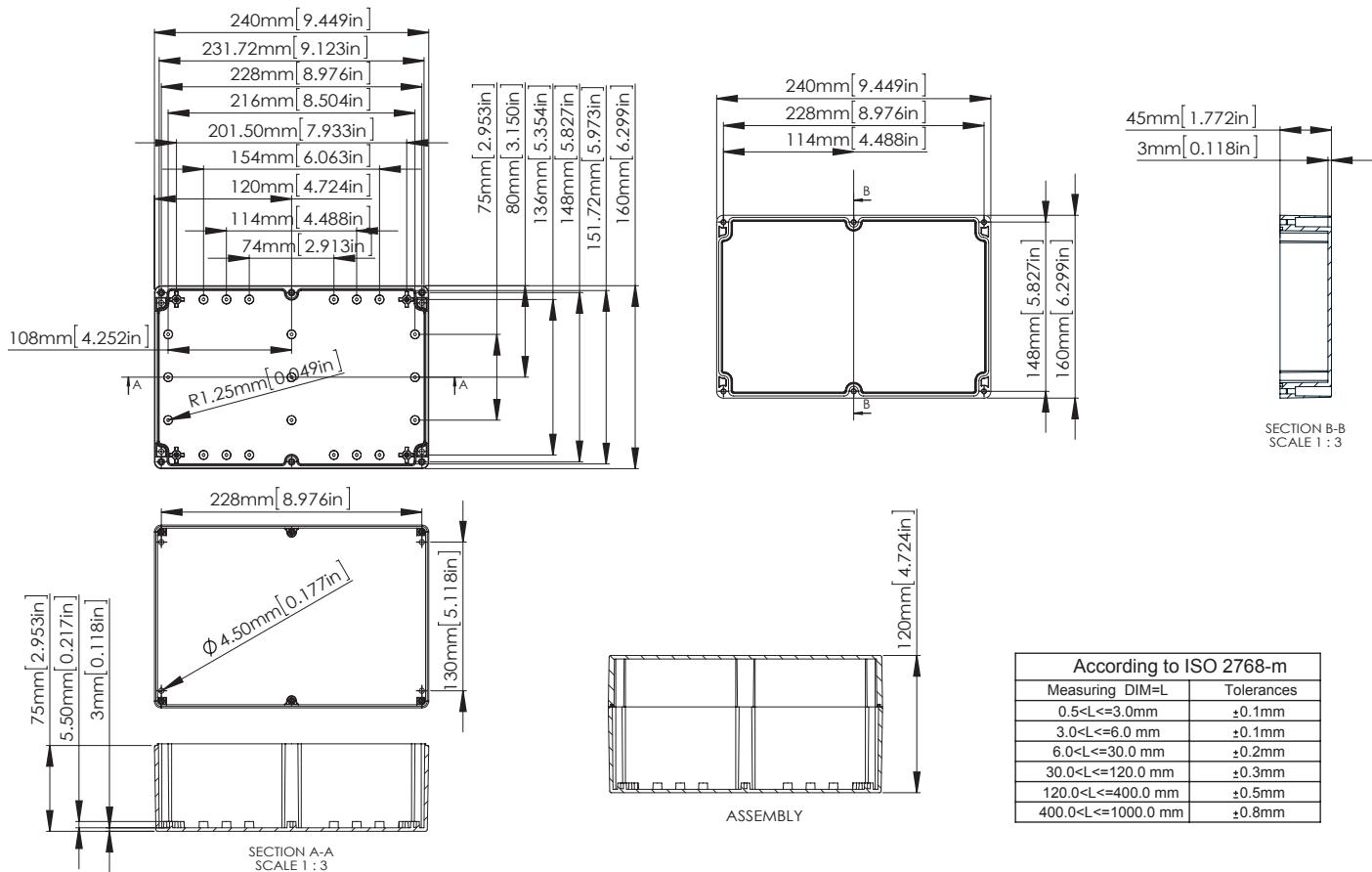
G288 / G288C / G399



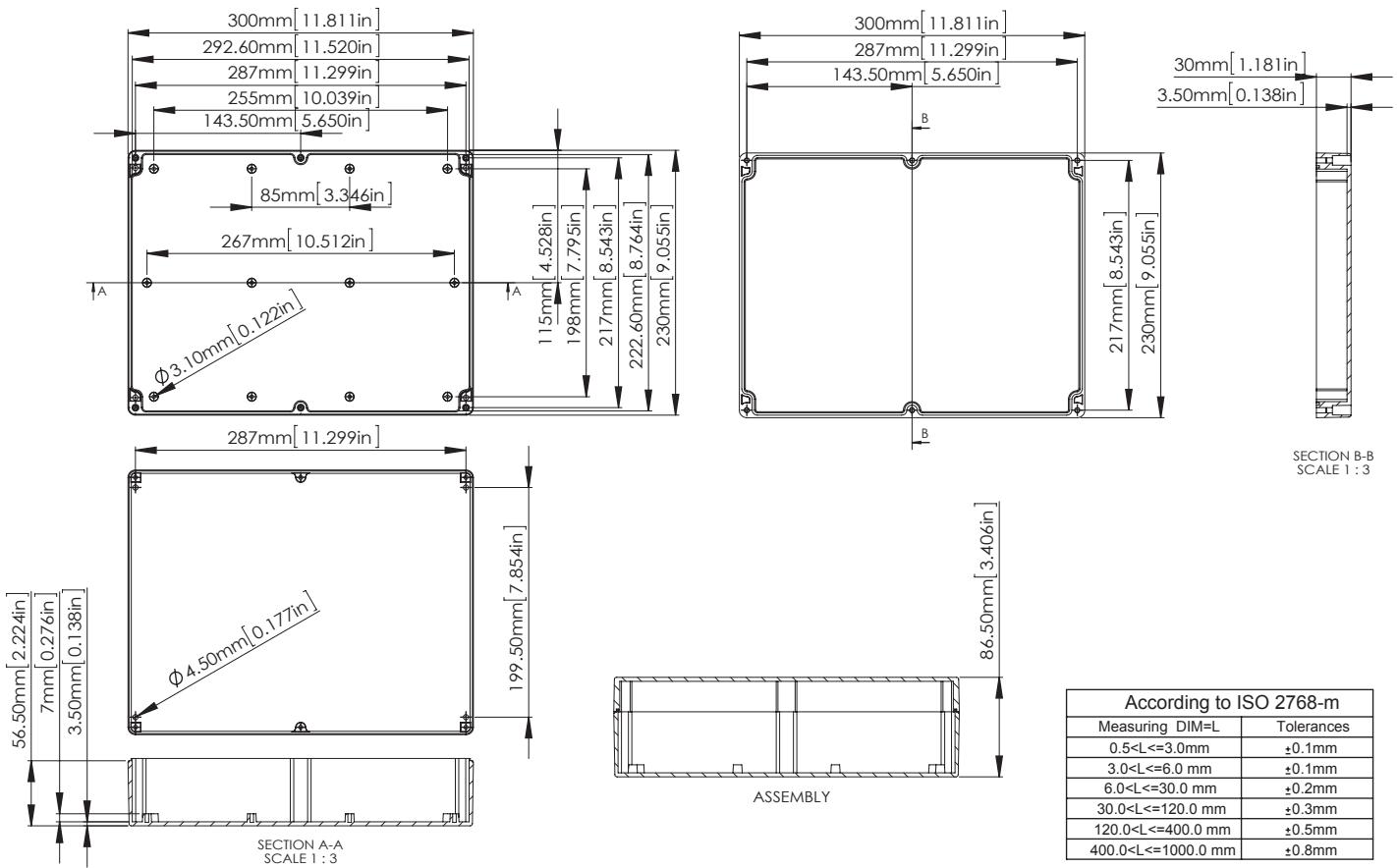
G2018 / G2018C / G3008



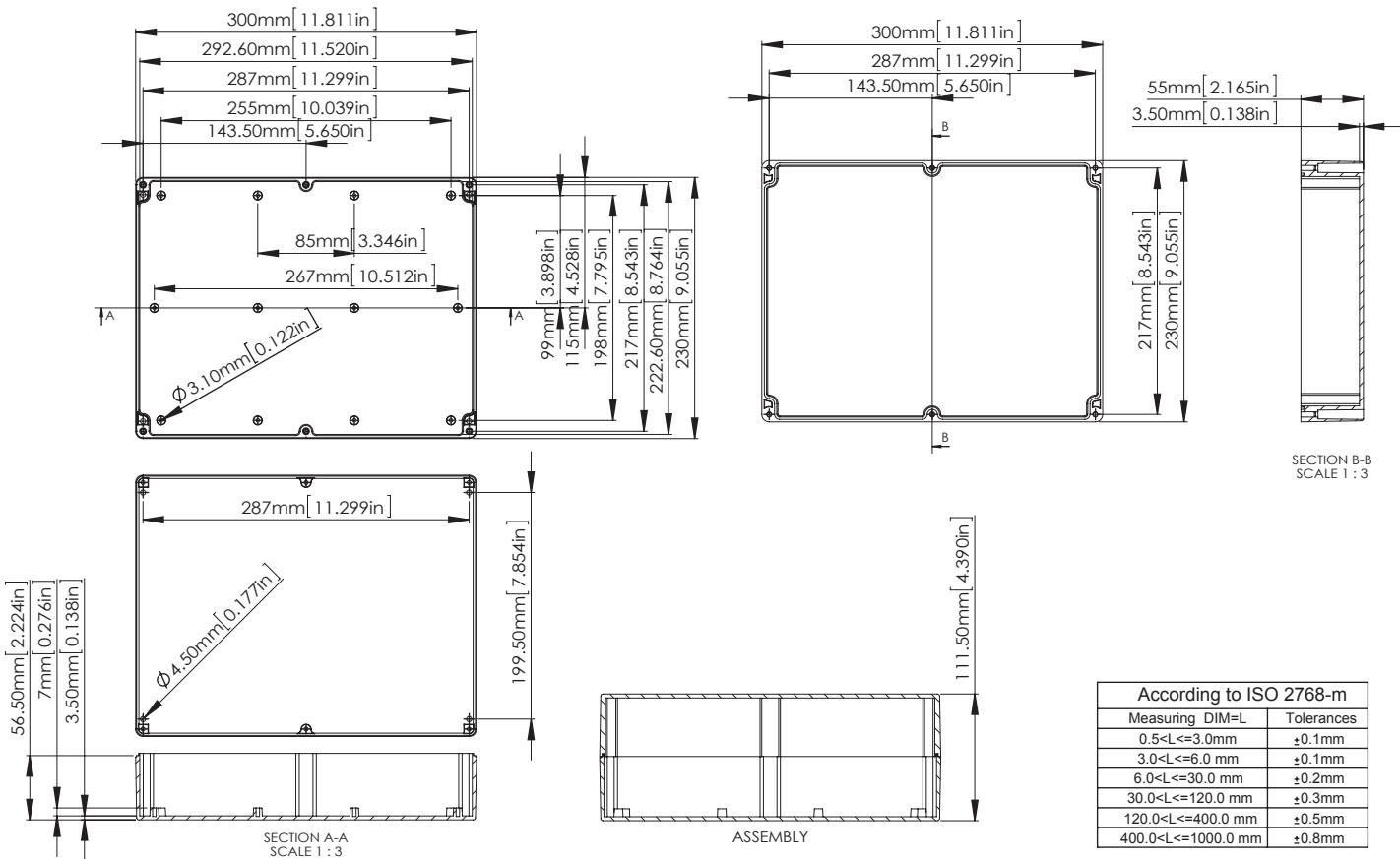
G2025 / G2025C / G3019



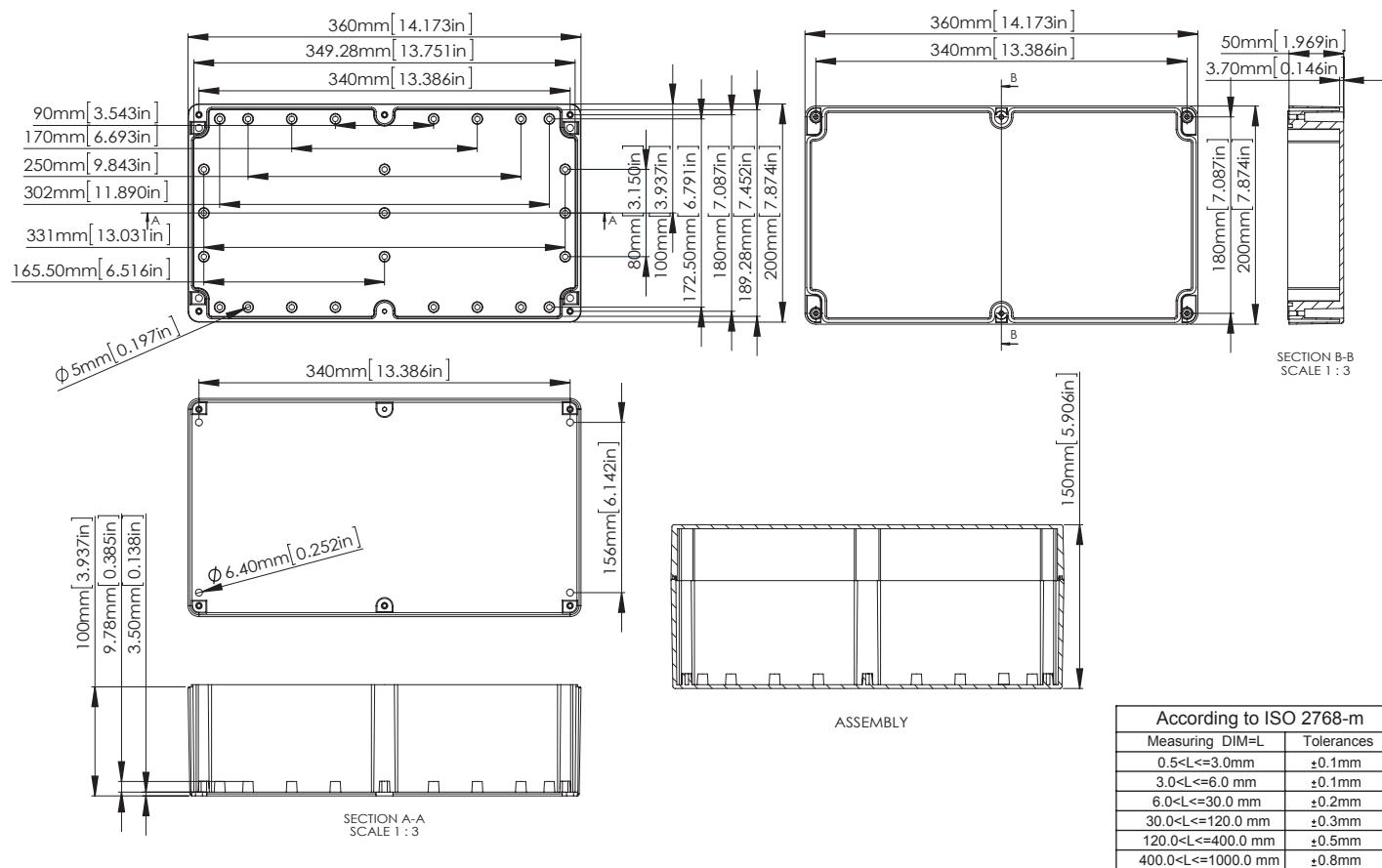
G2029 / G2029C / G3028



G2038 / G2038C / G3031



G2058 / G2058C / G3039



SEALED POLYCARBONATE AND ABS ENCLOSURES WITH MOUNTING FLANGE

ETC

IP65

CERTIFIED



PRODUCT INFORMATION

- The lid and base incorporate a tongue and groove sealing system with a EPDM gasket.
- Wall mounting holes and lid fixing screws are outside the sealing area thus preventing the ingress of moisture and dust.
- Designed to IP65 of IEC 529 (Dust and Hoseproof).
- Bosses on internal base allow fixing of PCB's horizontally or connection of terminals with M3X4mm self-tapping screws.
- Internal guide slots for mounting PCB assemblies vertically.
- Available with clear or light grey lids.



G256MF



G258CMF



G366MF

PC

(G2XXMF)
(G2XXCMF)

- Material: Polycarbonate (UL94-HB)
 - Moulded in: Light Grey.
 - Operating temperature: -40°C to 120°C.
 - Clear lid is available on request.
 - Mounting flange is designed on the bottom of the base, so the base can be mounted with pan head type of screws on the wall easily.
- **Detailed screw size please refer the product drawing.**



G256MF



G258CMF



G366MF

ABS

(G3XXMF)

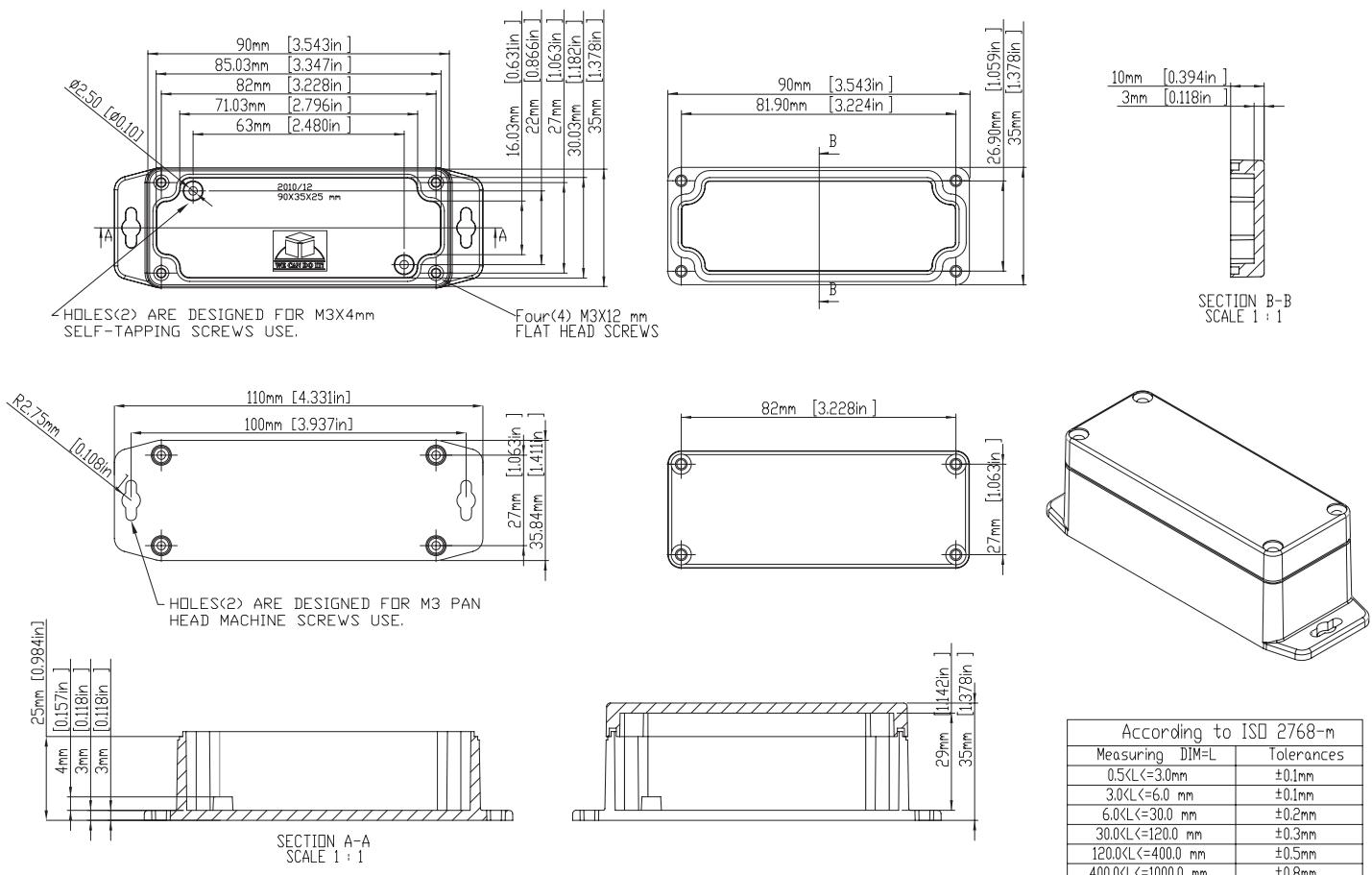
- Material: High Impact ABS (UL94-HB)
 - Moulded in: Dark Grey.
 - Operating temperature: -20°C to 80°C
 - Mounting flange is designed on the bottom of the base, so the base can be mounted with pan head type of screws on the wall easily.
- **Detailed screw size please refer the product drawing.**

MATERIAL: POLYCARBONATE					
ITEM No.	COLOR		ITEM No.	COLOR	
	LID	BASE		LID	BASE
G201MF	Light Grey		G201CMF	Clear	Light Grey
G203MF	Light Grey		G203CMF	Clear	Light Grey
G205MF	Light Grey		G205CMF	Clear	Light Grey
G212MF	Light Grey		G212CMF	Clear	Light Grey
G221MF	Light Grey		G221CMF	Clear	Light Grey
G214MF	Light Grey		G214CMF	Clear	Light Grey
G223MF	Light Grey		G223CMF	Clear	Light Grey
G218MF	Light Grey		G218CMF	Clear	Light Grey
G232MF	Light Grey		G232CMF	Clear	Light Grey
G200MF	Light Grey		G200CMF	Clear	Light Grey
G250MF	Light Grey		G250CMF	Clear	Light Grey
G256MF	Light Grey		G256CMF	Clear	Light Grey
G258MF	Light Grey		G258CMF	Clear	Light Grey
G265MF	Light Grey		G265CMF	Clear	Light Grey
G278MF	Light Grey		G278CMF	Clear	Light Grey
G279MF	Light Grey		G279CMF	Clear	Light Grey

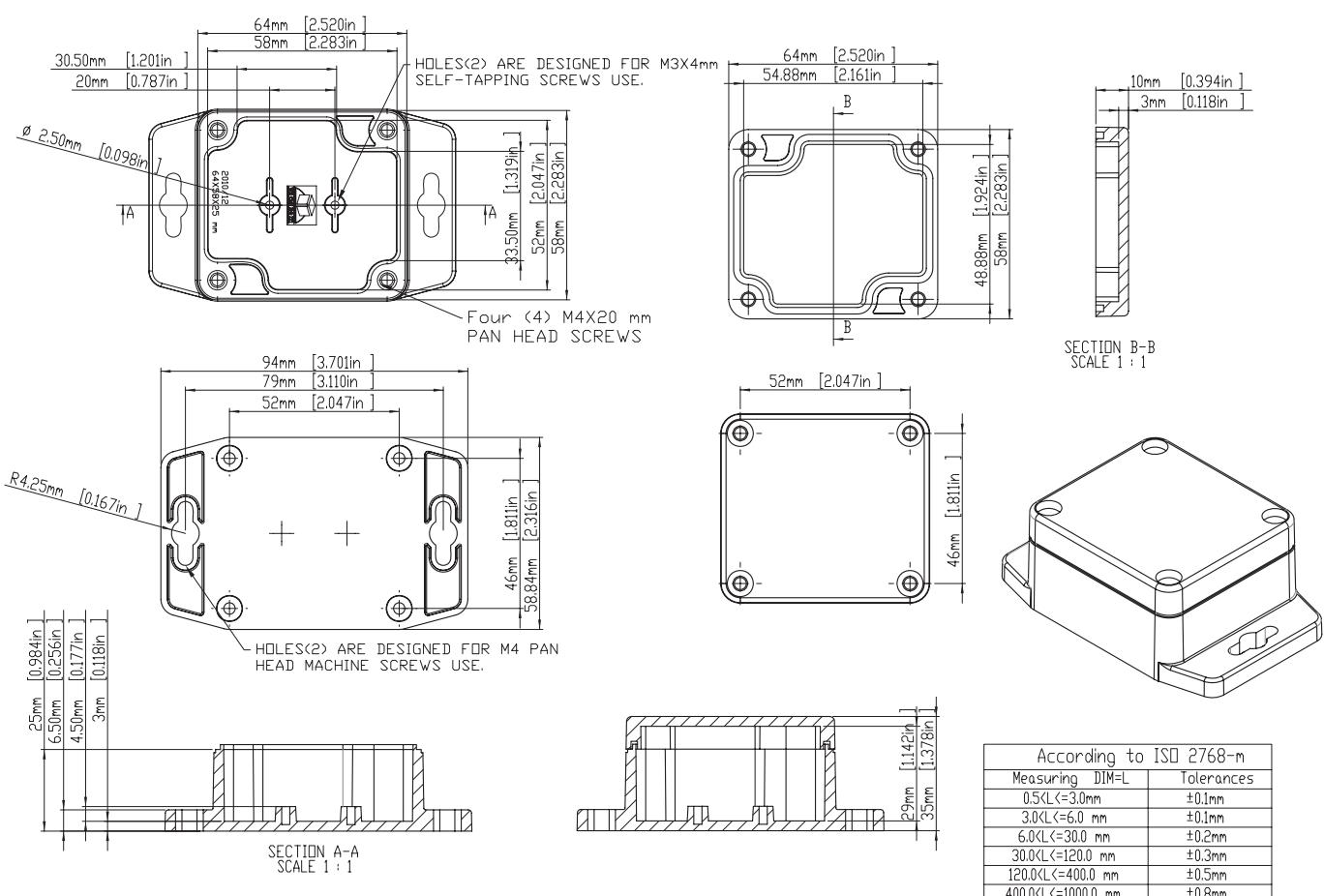
MATERIAL: ABS			
ITEM No.	COLOR		EXTERNAL DIMENSION(mm)
	LID	BASE	
G302MF	Dark Grey		64 x 58 x 35
G304MF	Dark Grey		115 x 65 x 40
G308MF	Dark Grey		115 x 65 x 55
G311MF	Dark Grey		115 x 90 x 55
G331MF	Dark Grey		115 x 90 x 80
G313MF	Dark Grey		171 x 121 x 55
G340MF	Dark Grey		171 x 121 x 80
G317MF	Dark Grey		222 x 146 x 55
G353MF	Dark Grey		222 x 146 x 75
G300MF	Dark Grey		90 x 35 x 35
G362MF	Dark Grey		52 x 50 x 35
G366MF	Dark Grey		82 x 80 x 55
G368MF	Dark Grey		160 x 80 x 55
G369MF	Dark Grey		160 x 80 x 85
G386MF	Dark Grey		120 x 120 x 60
G387MF	Dark Grey		120 x 120 x 90

► Lid fixing screw are M4 stainless steel (non-magnetic) into threaded brass inserts.

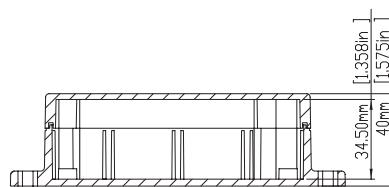
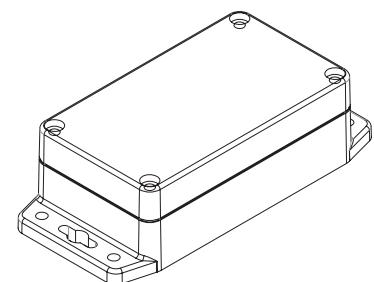
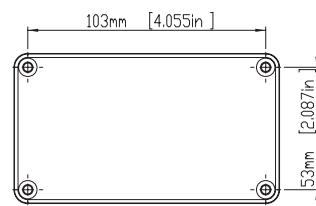
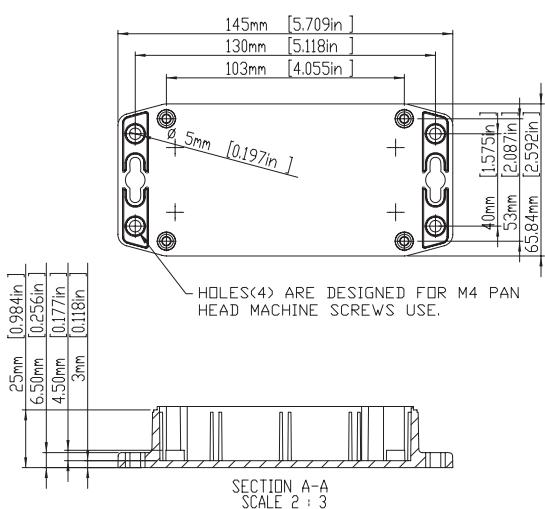
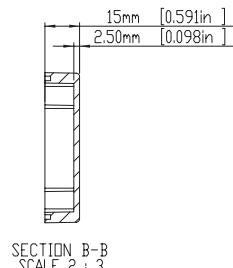
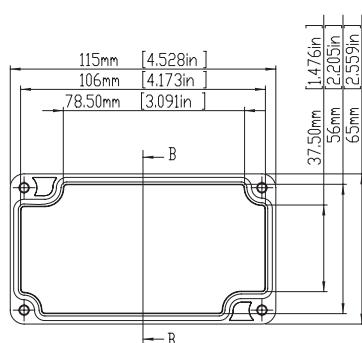
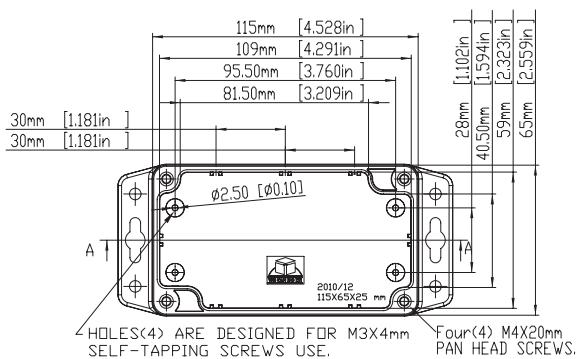
G200MF / G300MF



G201MF / G302MF

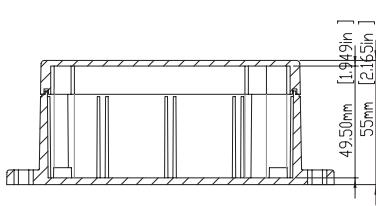
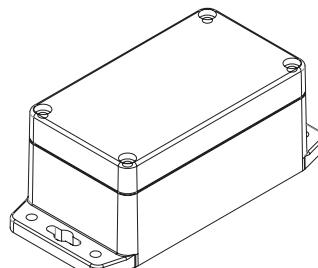
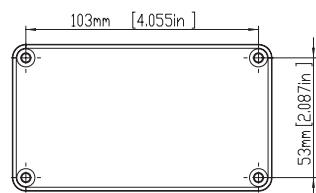
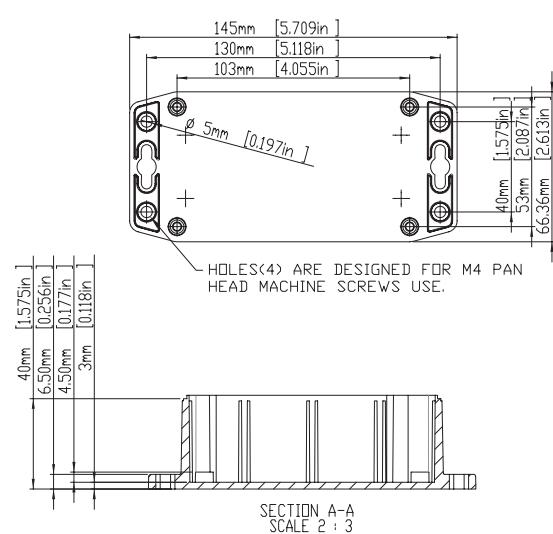
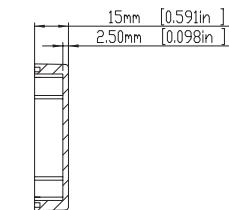
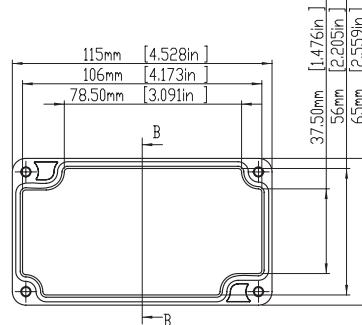
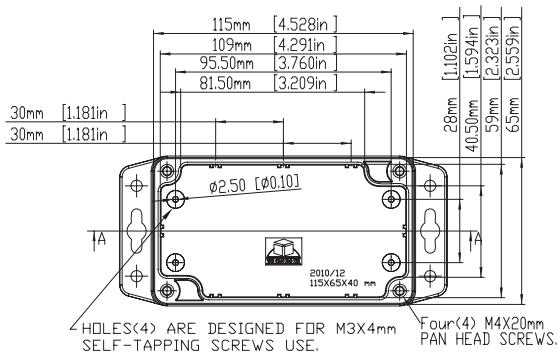


G203MF / G304MF



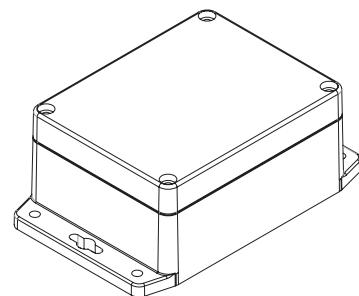
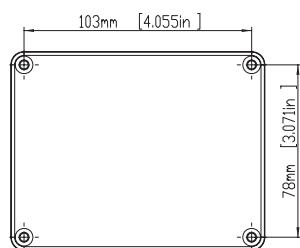
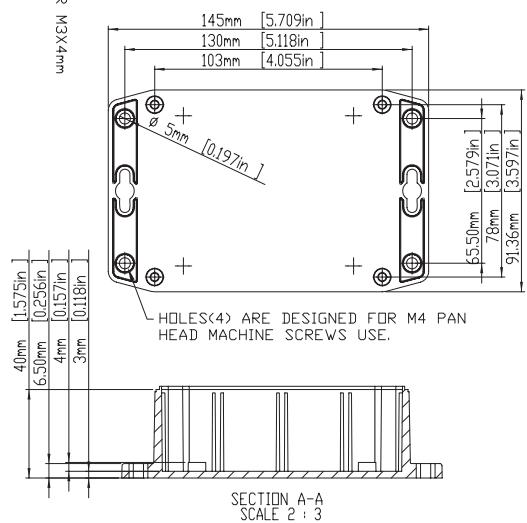
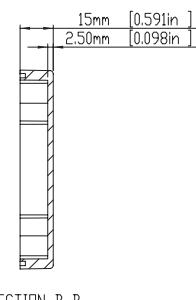
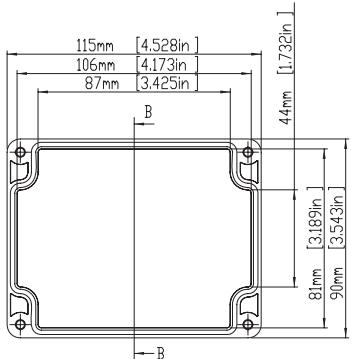
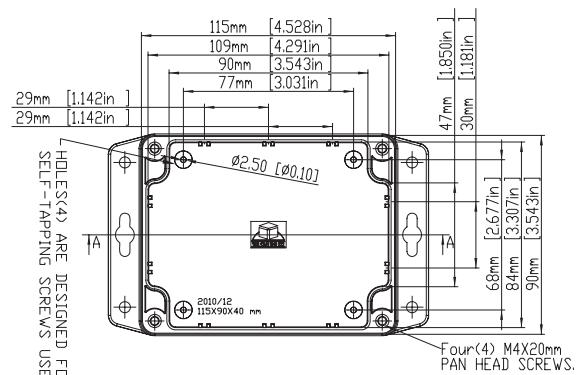
According to ISO 2768-m	
Measuring DIM=L	Tolerances
0.5KL<=3.0mm	±0.1mm
3.0KL<=6.0 mm	±0.1mm
6.0KL<=30.0 mm	±0.2mm
30.0KL<=120.0 mm	±0.3mm
120.0KL<=400.0 mm	±0.5mm
400.0KL<=1000.0 mm	±0.8mm

G205MF / G308MF



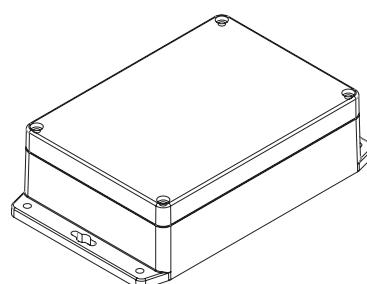
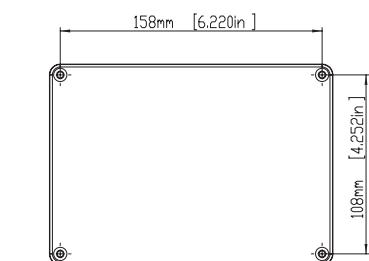
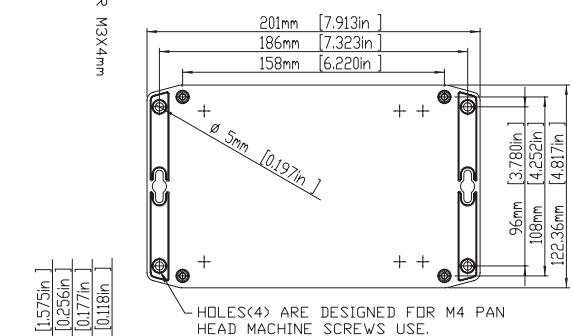
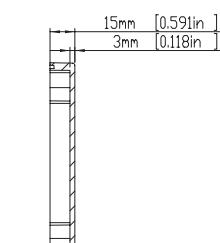
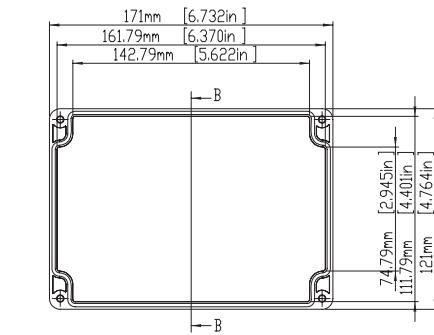
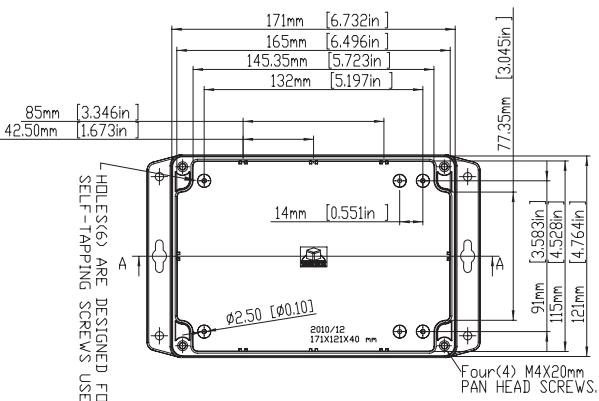
According to ISO 2768-m	
Measuring DIM=L	Tolerances
0.5KL<=3.0mm	±0.1mm
3.0KL<=6.0 mm	±0.1mm
6.0KL<=30.0 mm	±0.2mm
30.0KL<=120.0 mm	±0.3mm
120.0KL<=400.0 mm	±0.5mm
400.0KL<=1000.0 mm	±0.8mm

G212MF / G311MF



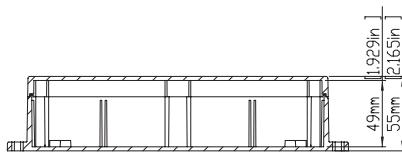
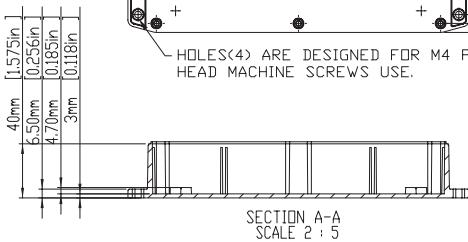
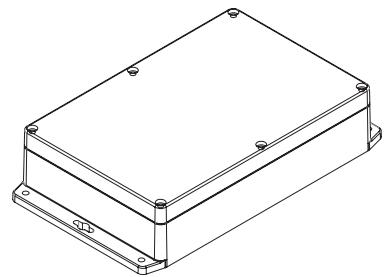
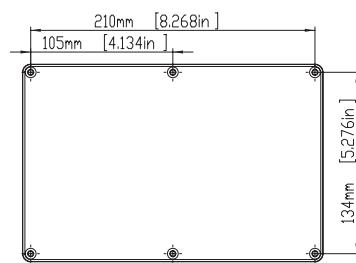
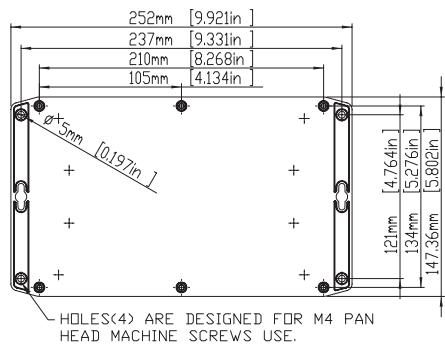
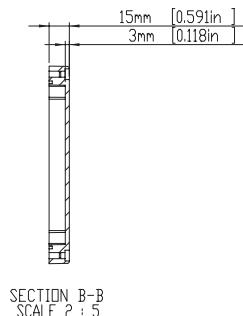
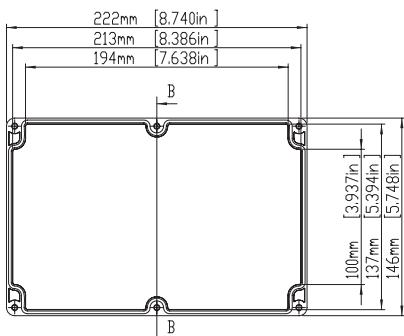
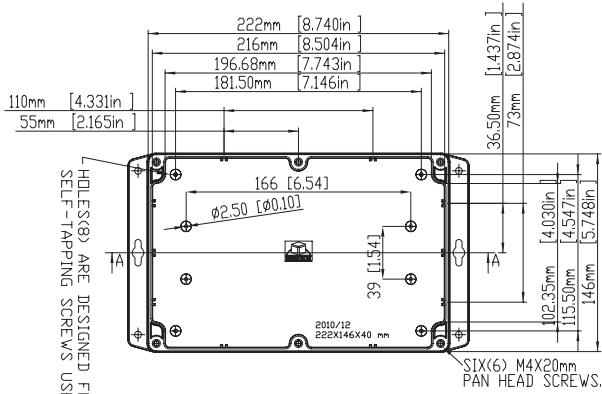
According to ISO 2768-m		
Measuring	DIM=L	Tolerances
0.5KL<=3.0mm		±0.1mm
3.0KL<=6.0 mm		±0.1mm
6.0KL<=30.0 mm		±0.2mm
30.0KL<=120.0 mm		±0.3mm
120.0KL<=400.0 mm		±0.5mm
400.0KL<=1000.0 mm		±0.8mm

G214MF / G313MF



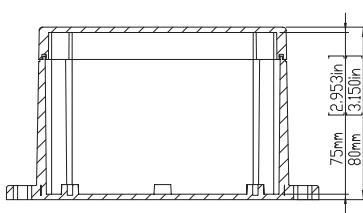
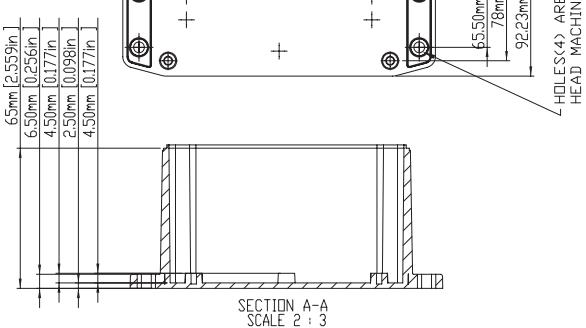
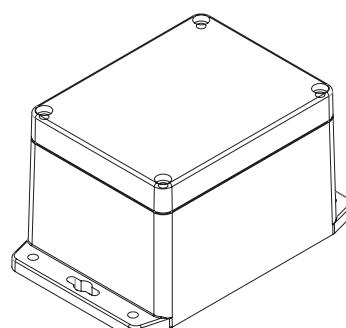
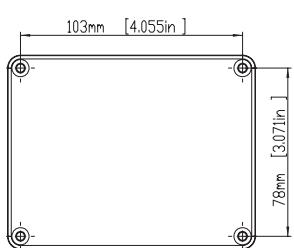
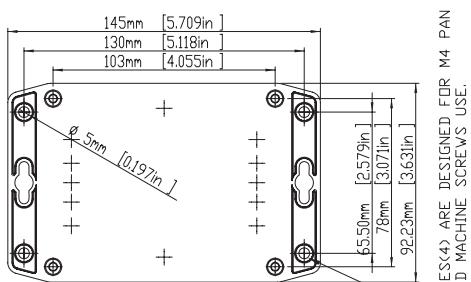
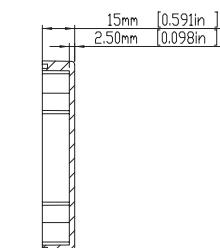
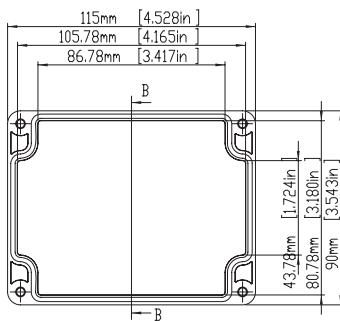
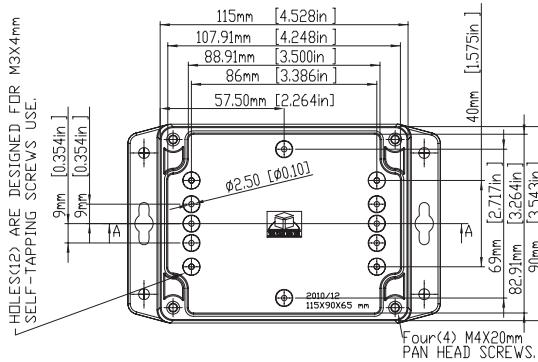
According to ISO 2768-m		
Measuring	DIM=L	Tolerances
0.5KL<=3.0mm		±0.1mm
3.0KL<=6.0 mm		±0.1mm
6.0KL<=30.0 mm		±0.2mm
30.0KL<=120.0 mm		±0.3mm
120.0KL<=400.0 mm		±0.5mm
400.0KL<=1000.0 mm		±0.8mm

G218MF / G317MF



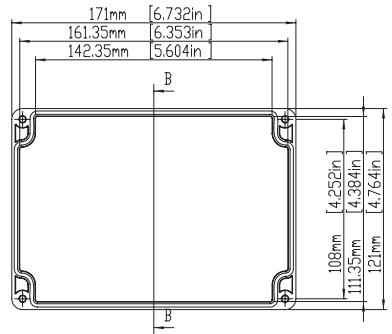
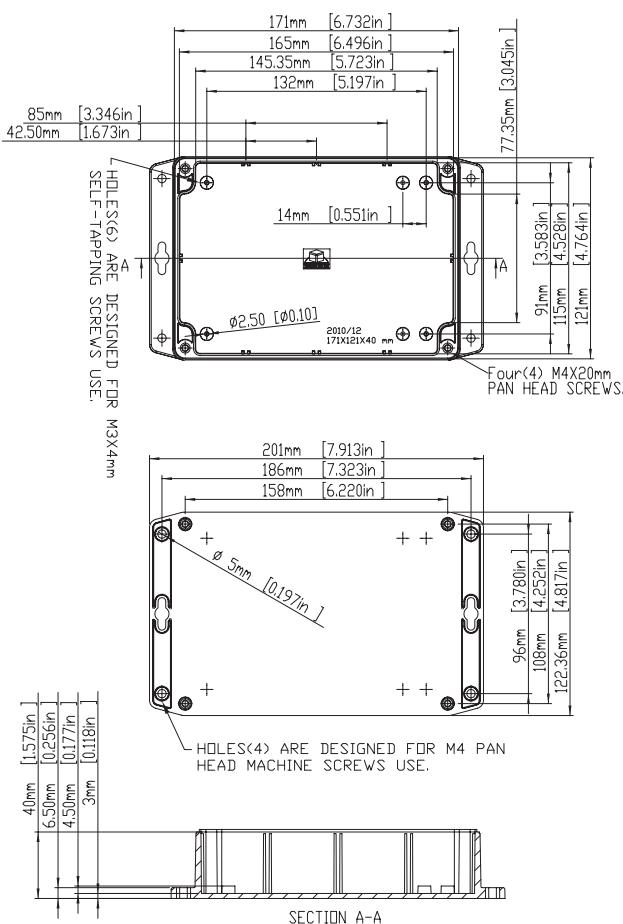
According to ISO 2768-m	
Measuring DIM-L	Tolerances
0.5L<=3.0mm	±0.1mm
3.0L<=6.0 mm	±0.1mm
6.0L<=30.0 mm	±0.2mm
30.0L<=120.0 mm	±0.3mm
120.0L<=400.0 mm	±0.5mm
400.0L<=1000.0 mm	±0.8mm

G221MF / G331MF

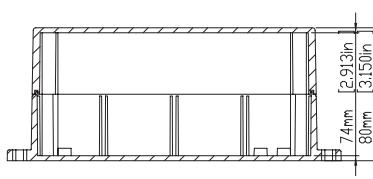
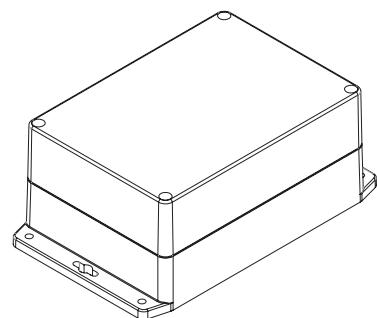
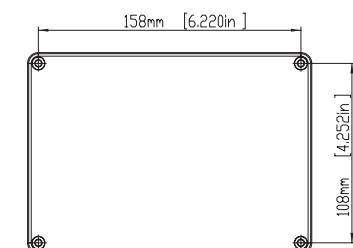


According to ISO 2768-m	
Measuring DIM-L	Tolerances
0.5L<=3.0mm	±0.1mm
3.0L<=6.0 mm	±0.1mm
6.0L<=30.0 mm	±0.2mm
30.0L<=120.0 mm	±0.3mm
120.0L<=400.0 mm	±0.5mm
400.0L<=1000.0 mm	±0.8mm

G223MF / G340MF

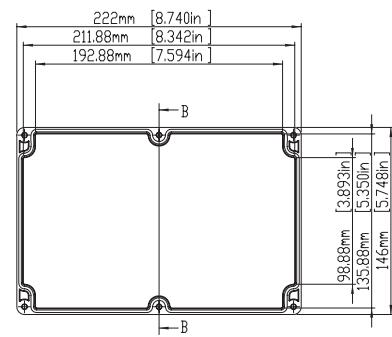
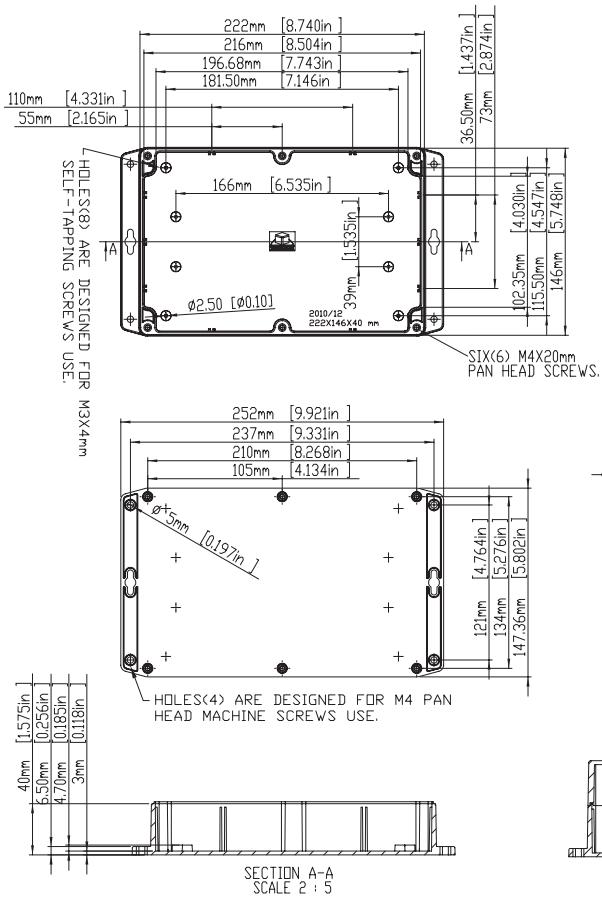


SECTION B-B

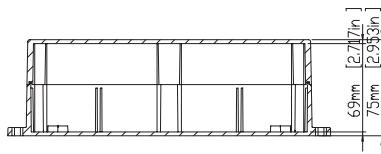
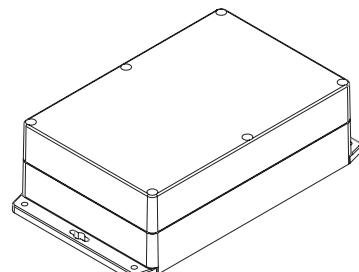
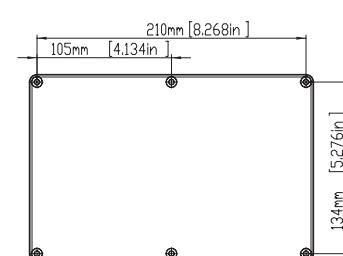


According to ISO 2768-m	
Measuring DIM=L	Tolerances
0.5KL<=3.0mm	±0.1mm
3.0KL<=6.0 mm	±0.1mm
6.0KL<=30.0 mm	±0.2mm
30.0KL<=120.0 mm	±0.3mm
120.0KL<=400.0 mm	±0.5mm
400.0KL<=1000.0 mm	±0.8mm

G232MF / G353MF

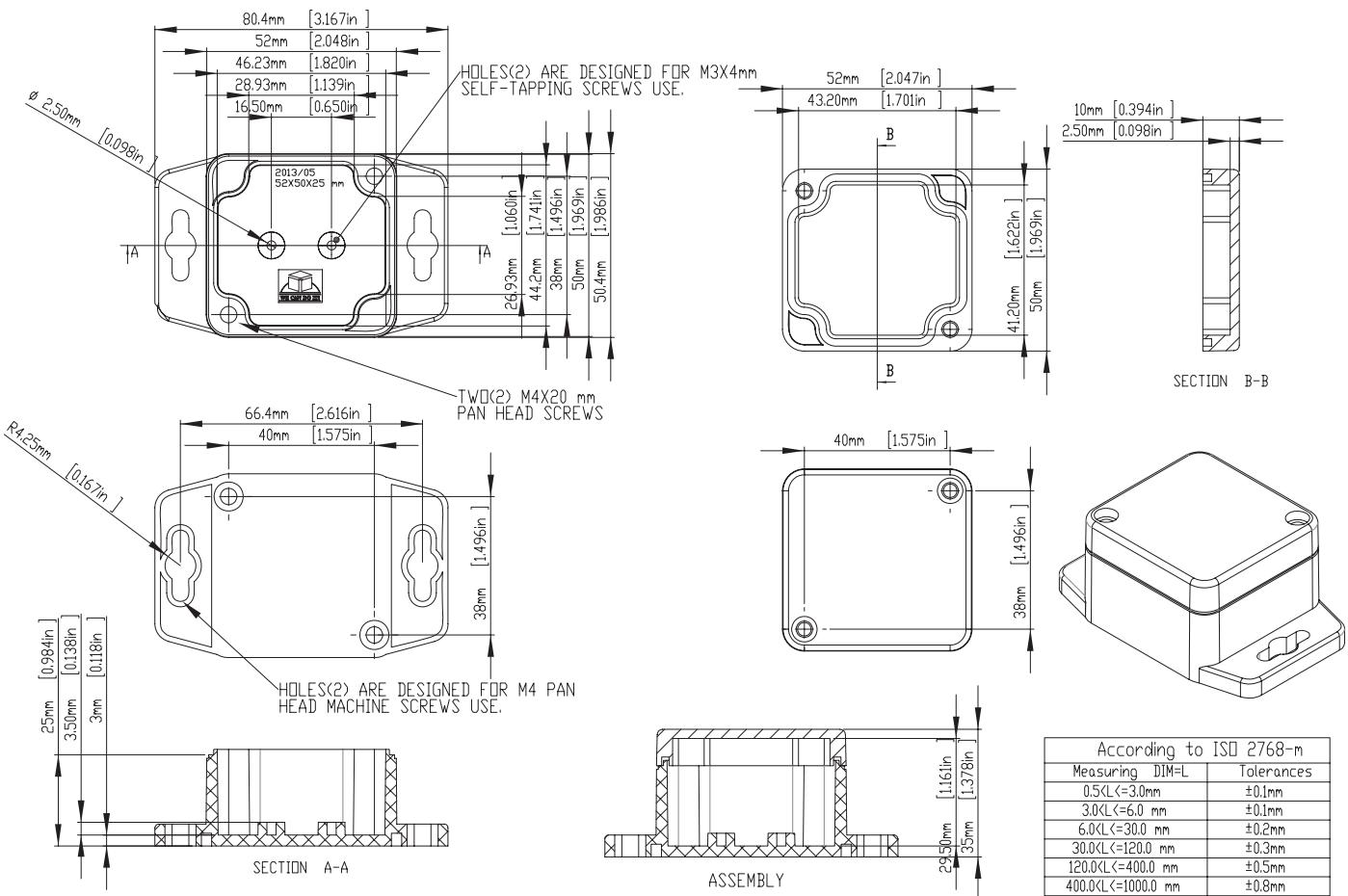


SECTION B-B
SCALE 2 : 5

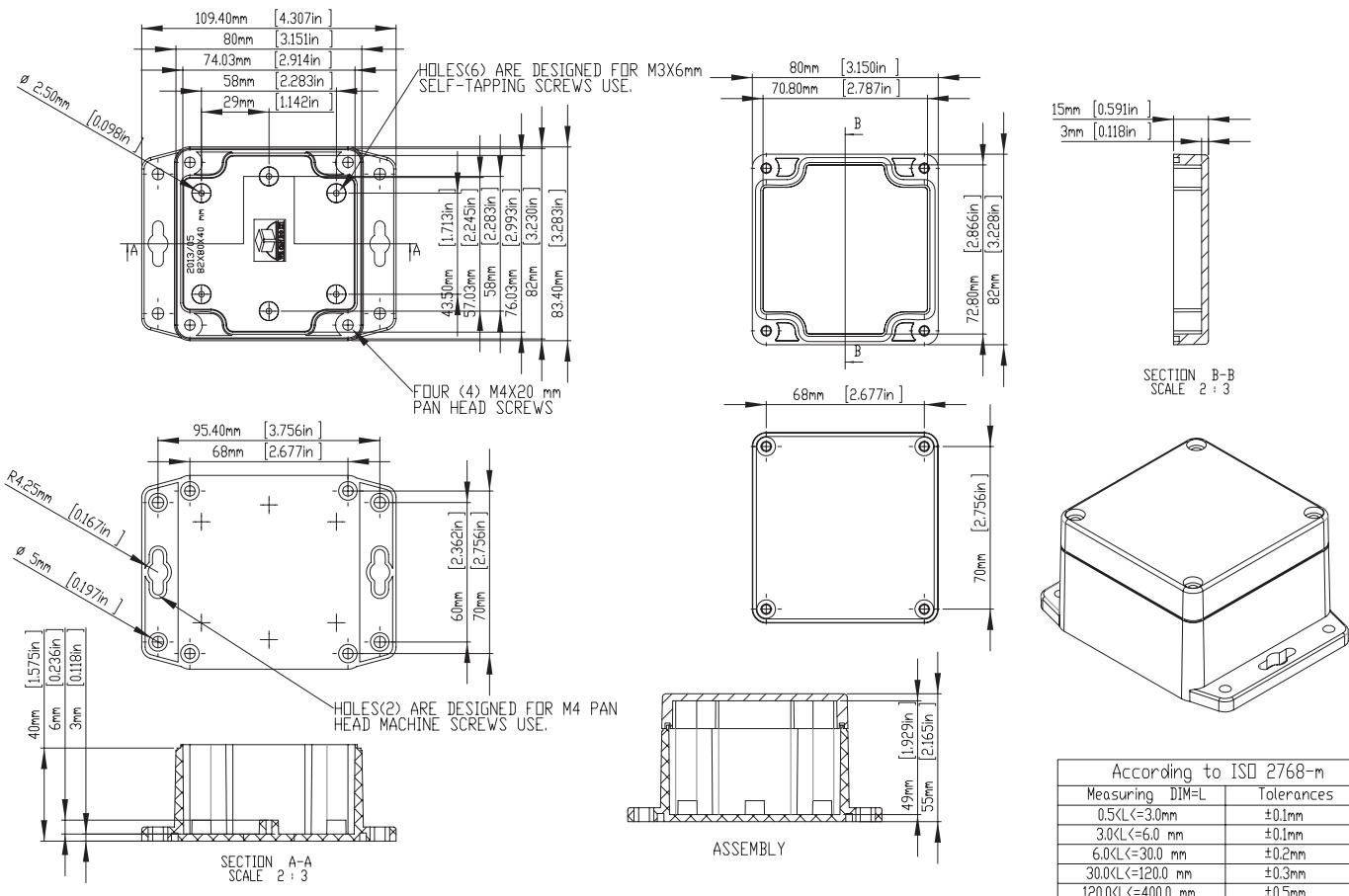


According to ISO 2768-m	
Measuring DIM=L	Tolerances
0.5KL<=3.0mm	±0.1mm
3.0KL<=6.0 mm	±0.1mm
6.0KL<=30.0 mm	±0.2mm
30.0KL<=120.0 mm	±0.3mm
120.0KL<=400.0 mm	±0.5mm
400.0KL<=1000.0 mm	±0.8mm

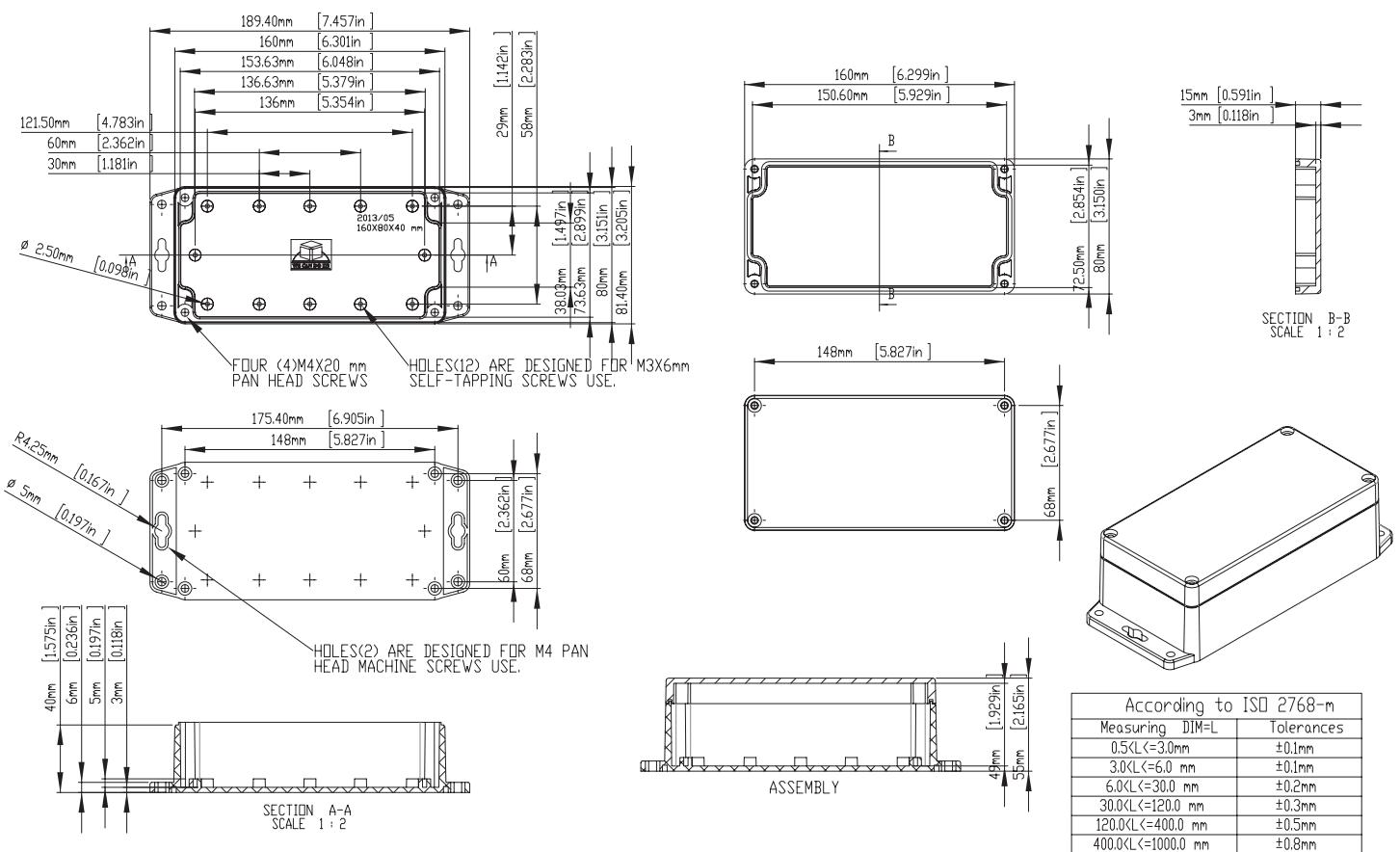
G250MF / G362MF



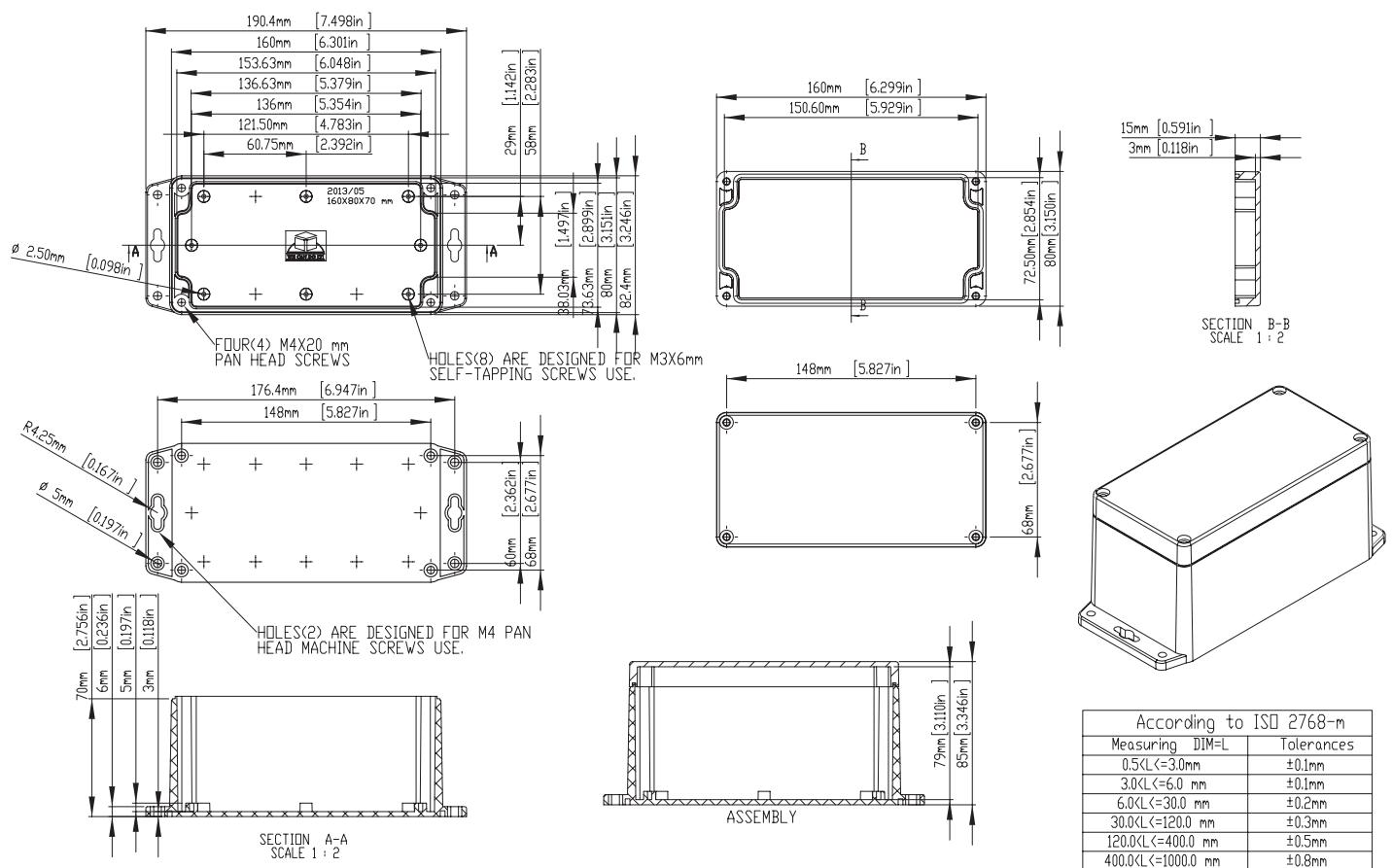
G256MF / G366MF



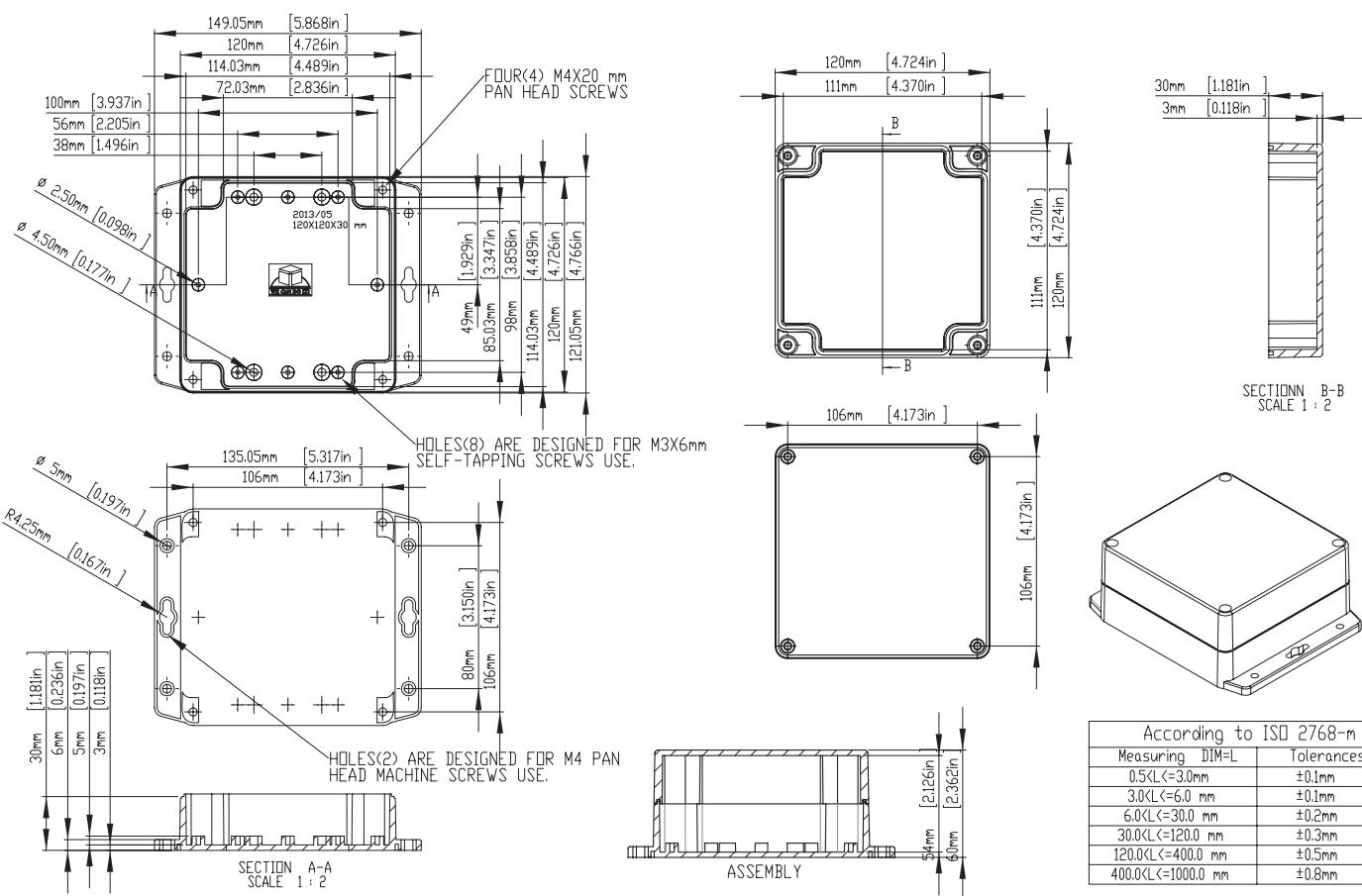
G258MF / G368MF



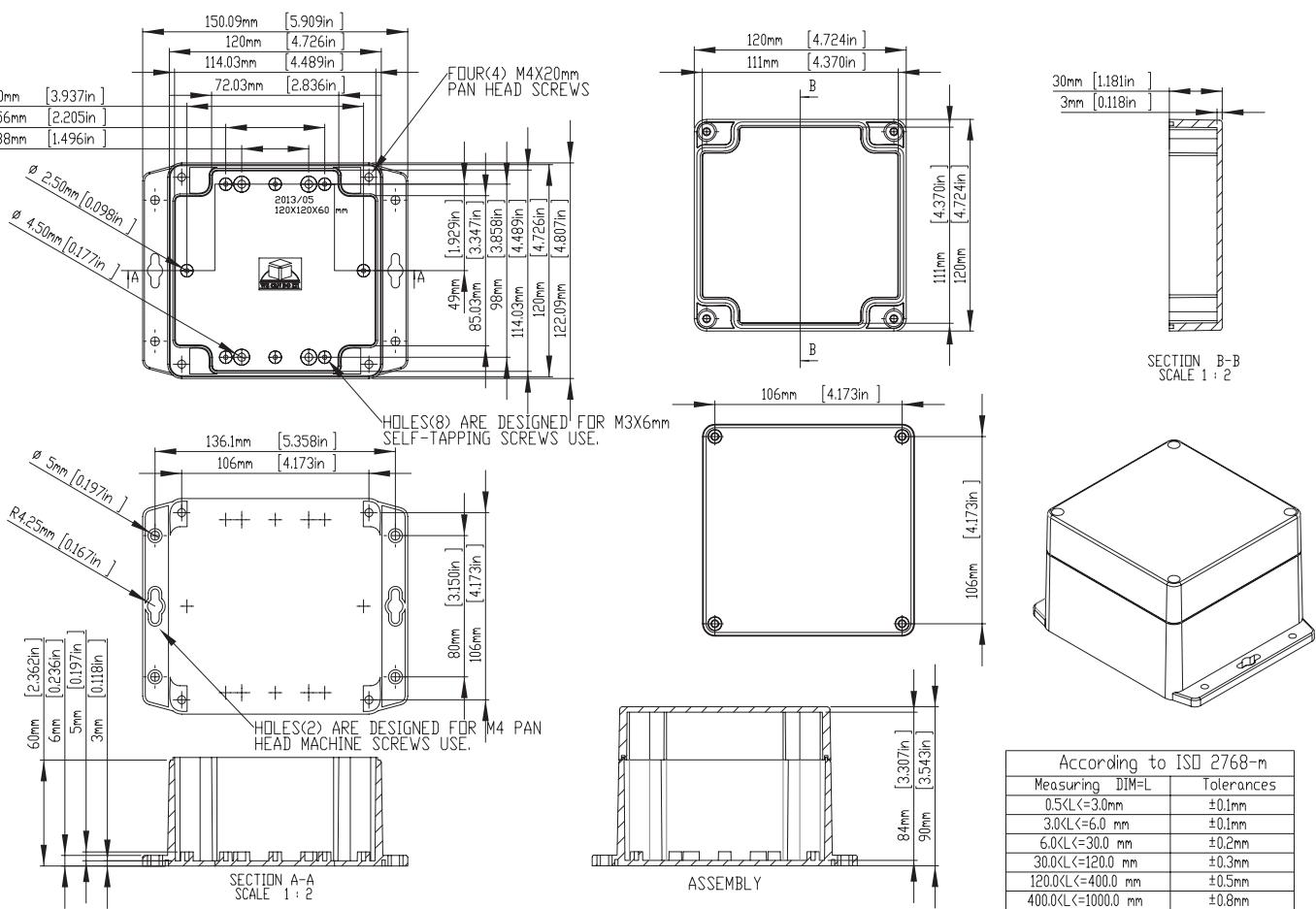
G265MF / G369MF



G278MF / G386MF



G279MF / G387MF

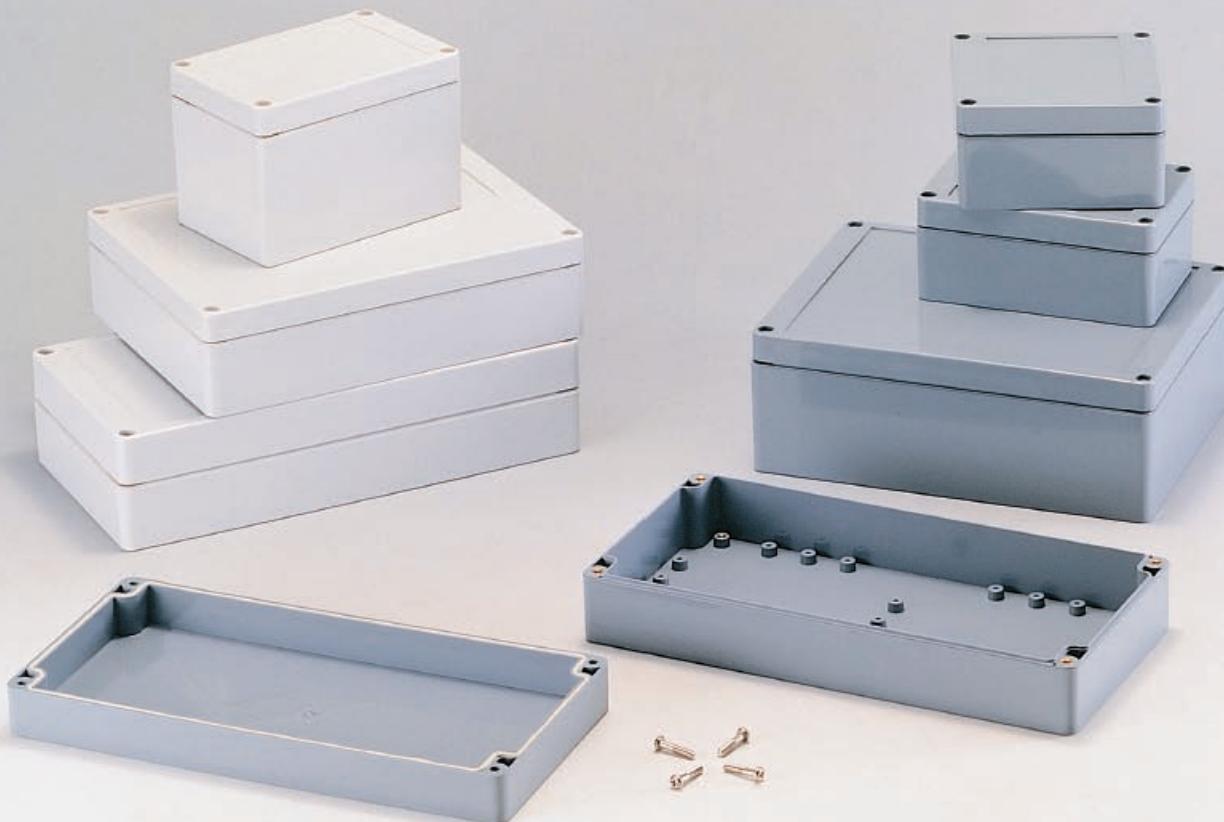


NEW DESIGN SEALED POLYCARBONATE AND ABS PLASTIC ENCLOSURES

ETC

IP65

CERTIFIED



PRODUCT INFORMATION

MATERIAL :

- Polycarbonate in light grey cover and body.
- Polycarbonate in clear cover and light grey body.
- ABS in dark grey cover and body.



FEATURES:

- Designed to IP65 specification.
- Wall mounting holes and cover attaching screws are outside the sealing area thus preventing ingress of moisture and dust.
- Internal bosses allow mounting of PCB horizontally or for connection of terminals, Etc..... Into threaded inserts.
- Cover screws are M4 stainless steel, non-magnetic and fasten into thread brass inserts.
- Recessed area on cover for sticking membrane keyboard.



G2119



G2119C



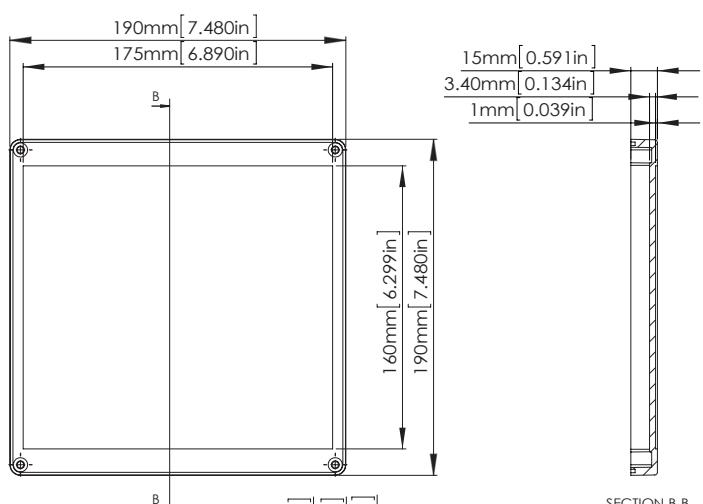
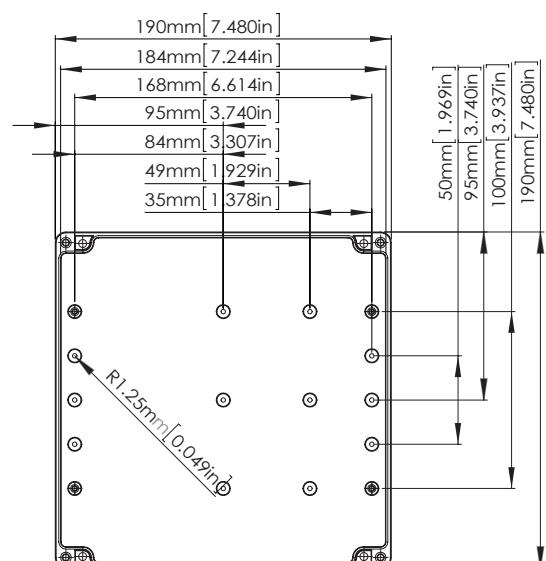
G3101

MATERIAL: POLYCARBONATE

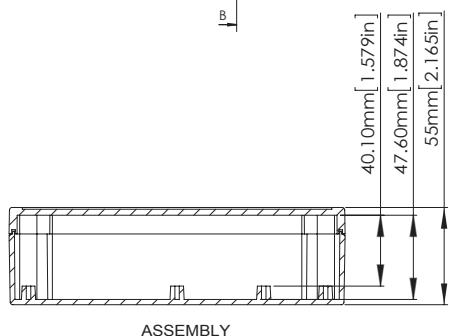
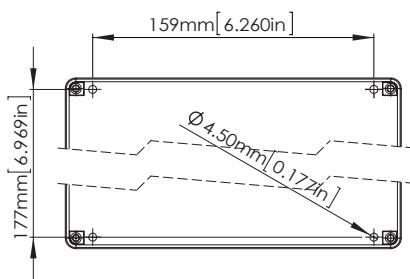
ITEM No.	COLOR		ITEM No.	COLOR	
	LID	BASE		LID	BASE
G2100	Light Grey		G2100C	Clear	Light Grey
G2102	Light Grey		G2102C	Clear	Light Grey
G2104	Light Grey		G2104C	Clear	Light Grey
G2105	Light Grey		G2105C	Clear	Light Grey
G2111	Light Grey		G2111C	Clear	Light Grey
G2113	Light Grey		G2113C	Clear	Light Grey
G2117	Light Grey		G2117C	Clear	Light Grey
G2119	Light Grey		G2119C	Clear	Light Grey
G2120	Light Grey		G2120C	Clear	Light Grey
G2128	Light Grey		G2128C	Clear	Light Grey
G2135	Light Grey		G2135C	Clear	Light Grey

MATERIAL: ABS

ITEM No.	COLOR		EXTERNAL DIMENSION(mm)
	LID	BASE	
G3101	Dark Grey		100 x 100 x 55
G3103	Dark Grey		100 x 100 x 90
G3107	Dark Grey		120 x 80 x 55
G3109	Dark Grey		120 x 80 x 85
G3113	Dark Grey		200 x 120 x 90
G3118	Dark Grey		240 x 120 x 60
G3121	Dark Grey		240 x 120 x 100
G3122	Dark Grey		200 x 150 x 55
G3127	Dark Grey		200 x 150 x 75
G3130	Dark Grey		353 x 140 x 121.5
G3125	Dark Grey		190 x 190 x 55

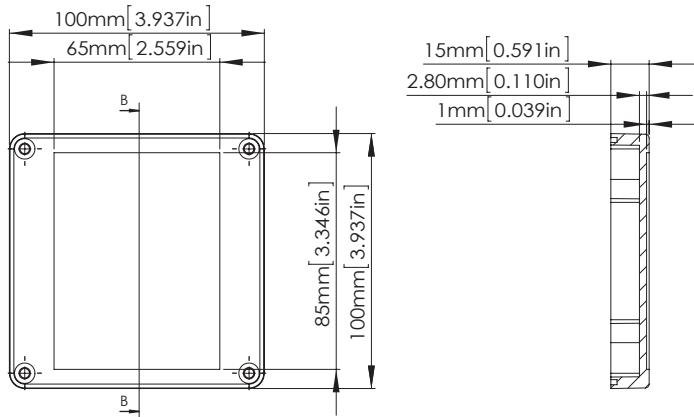
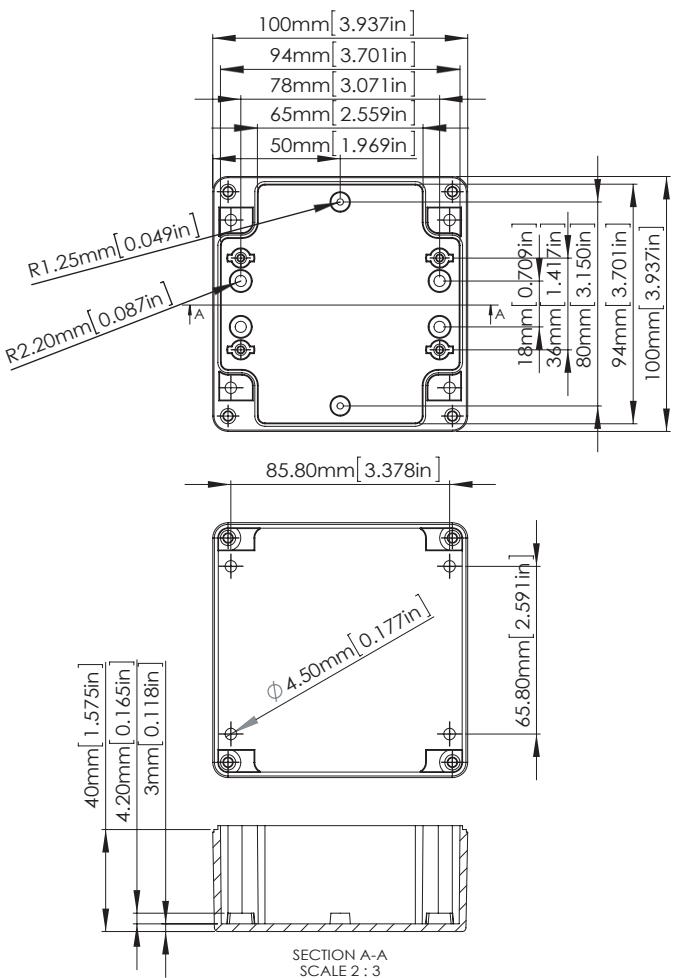
G2135 / G3125

SECTION B-B



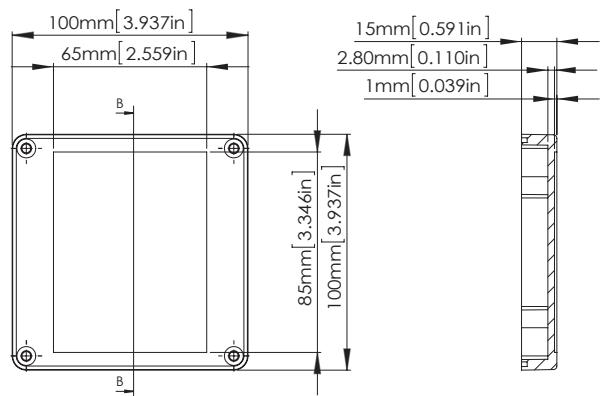
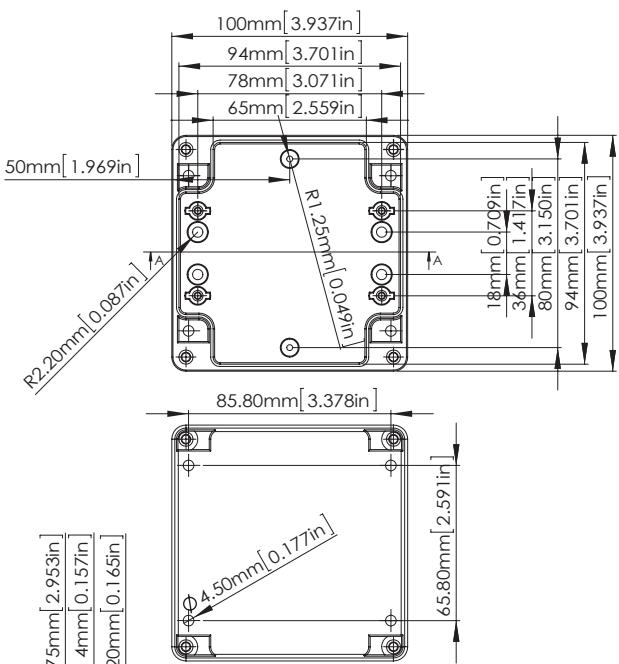
According to ISO 2768-m	
Measuring DIM=L	Tolerances
0.5<L<=3.0mm	±0.1mm
3.0<L<=6.0 mm	±0.1mm
6.0<L<=30.0 mm	±0.2mm
30.0<L<=120.0 mm	±0.3mm
120.0<L<=400.0 mm	±0.5mm
400.0<L<=1000.0 mm	±0.8mm

G2100 / G3101



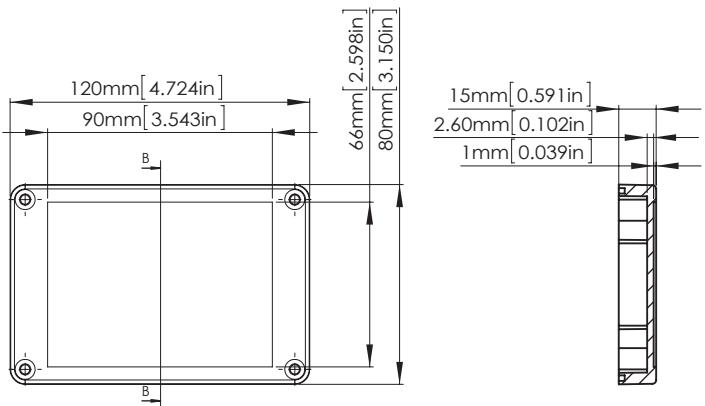
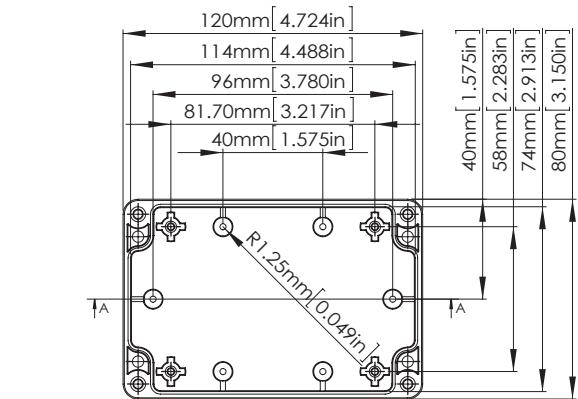
According to ISO 2768-m	
Measuring DIM=L	Tolerances
0.5<L<=3.0mm	±0.1mm
3.0<L<=6.0 mm	±0.1mm
6.0<L<=30.0 mm	±0.2mm
30.0<L<=120.0 mm	±0.3mm
120.0<L<=400.0 mm	±0.5mm
400.0<L<=1000.0 mm	±0.8mm

G2102 / G3103

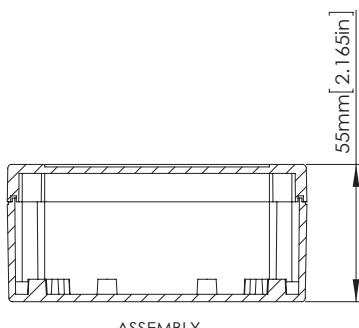
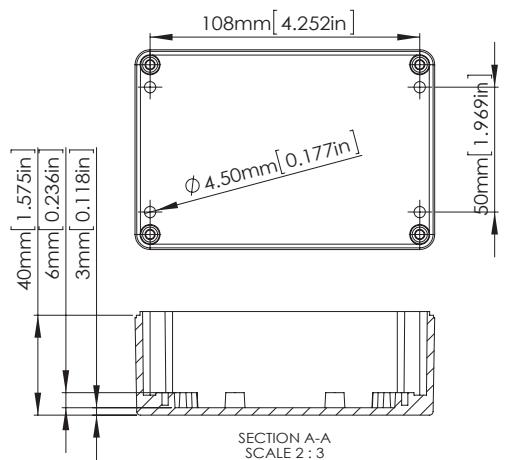


According to ISO 2768-m	
Measuring DIM=L	Tolerances
0.5<L<=3.0mm	±0.1mm
3.0<L<=6.0 mm	±0.1mm
6.0<L<=30.0 mm	±0.2mm
30.0<L<=120.0 mm	±0.3mm
120.0<L<=400.0 mm	±0.5mm
400.0<L<=1000.0 mm	±0.8mm

G2104 / G3107



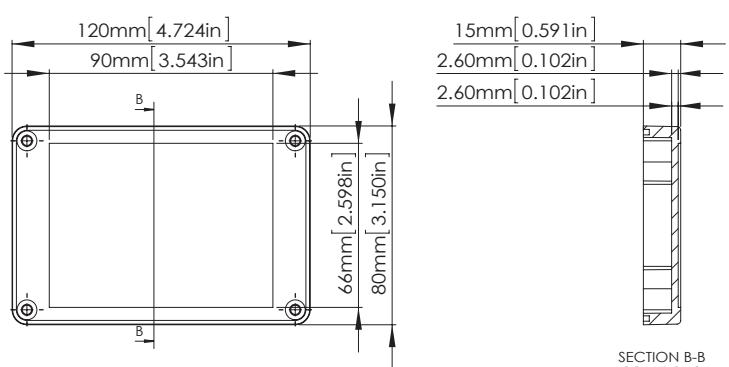
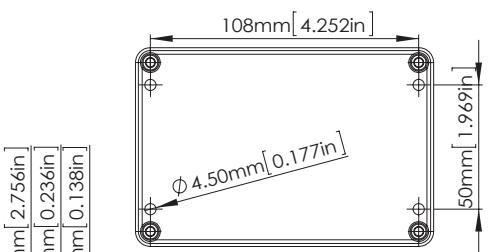
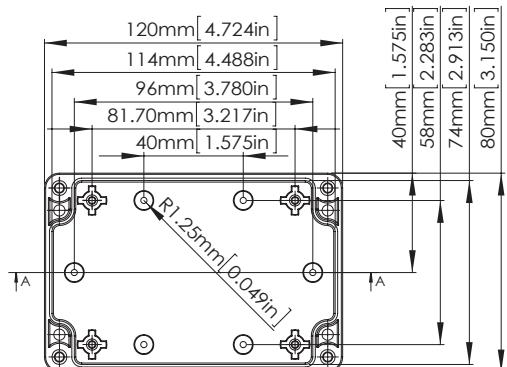
SECTION B-B
SCALE 2 : 3



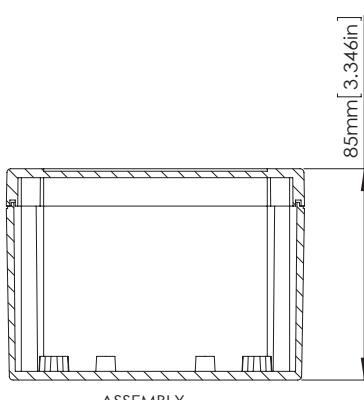
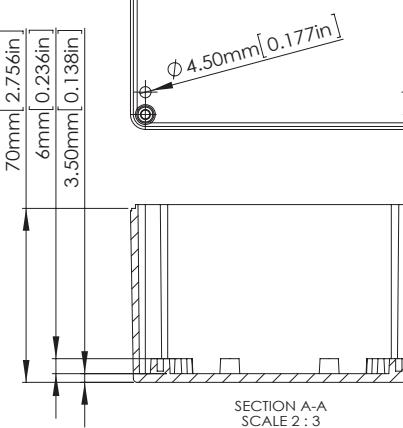
ASSEMBLY

According to ISO 2768-m		
Measuring	DIM=L	Tolerances
0.5<L<=3.0mm		±0.1mm
3.0<L<=6.0 mm		±0.1mm
6.0<L<=30.0 mm		±0.2mm
30.0<L<=120.0 mm		±0.3mm
120.0<L<=400.0 mm		±0.5mm
400.0<L<=1000.0 mm		±0.8mm

G2105 / G3109



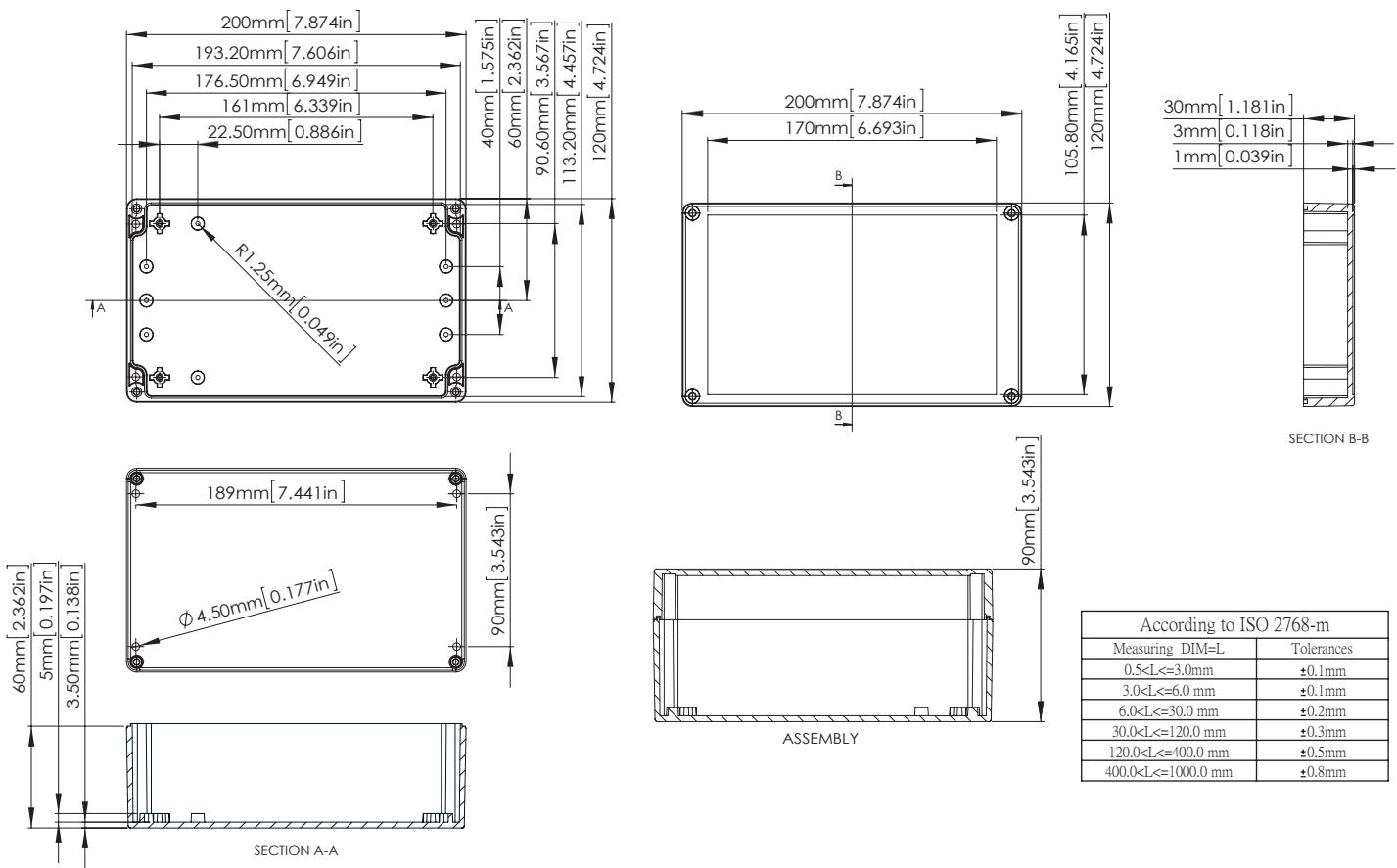
SECTION B-B
SCALE 2 : 3



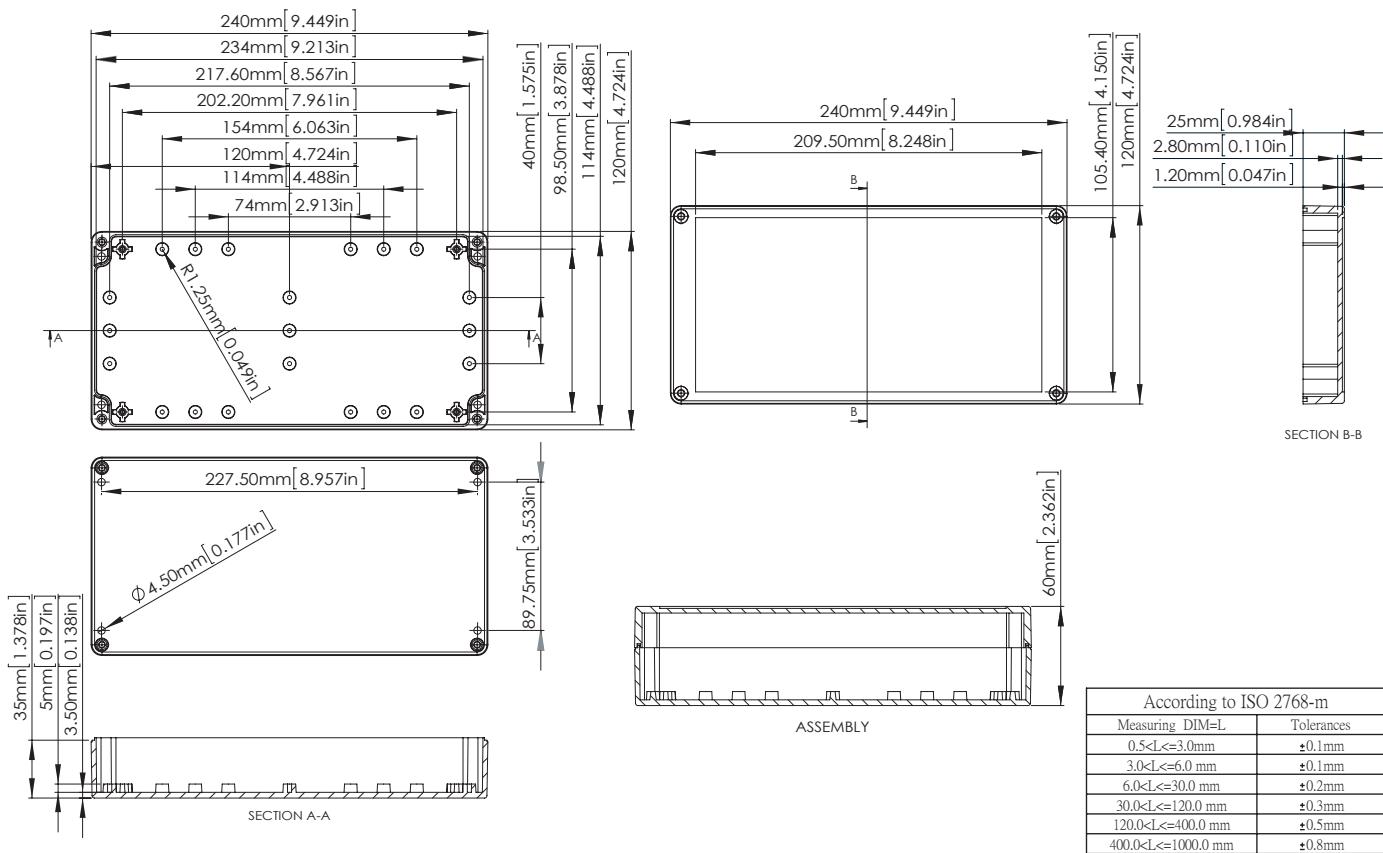
ASSEMBLY

According to ISO 2768-m		
Measuring	DIM=L	Tolerances
0.5<L<=3.0mm		±0.1mm
3.0<L<=6.0 mm		±0.1mm
6.0<L<=30.0 mm		±0.2mm
30.0<L<=120.0 mm		±0.3mm
120.0<L<=400.0 mm		±0.5mm
400.0<L<=1000.0 mm		±0.8mm

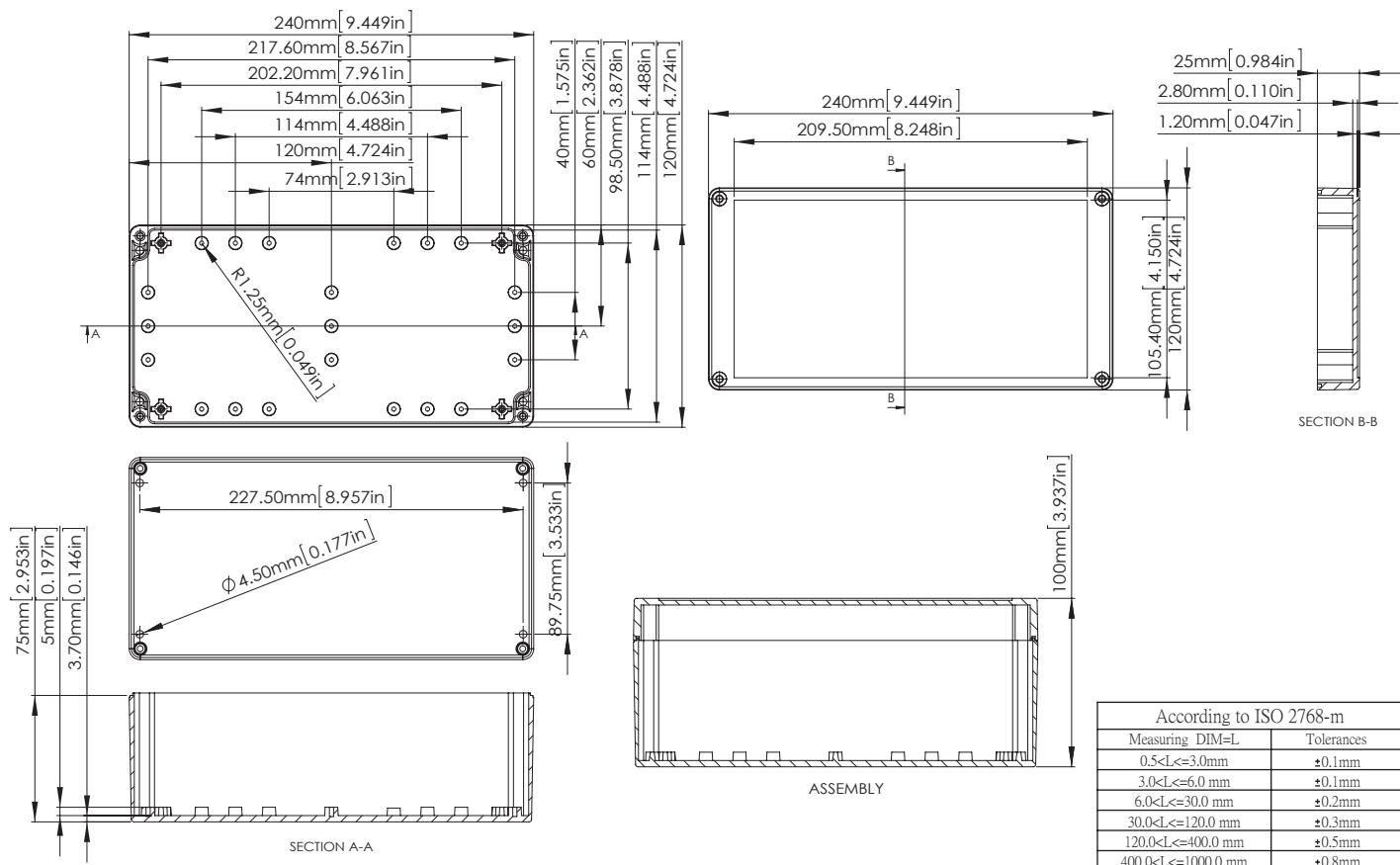
G2111 / G3113



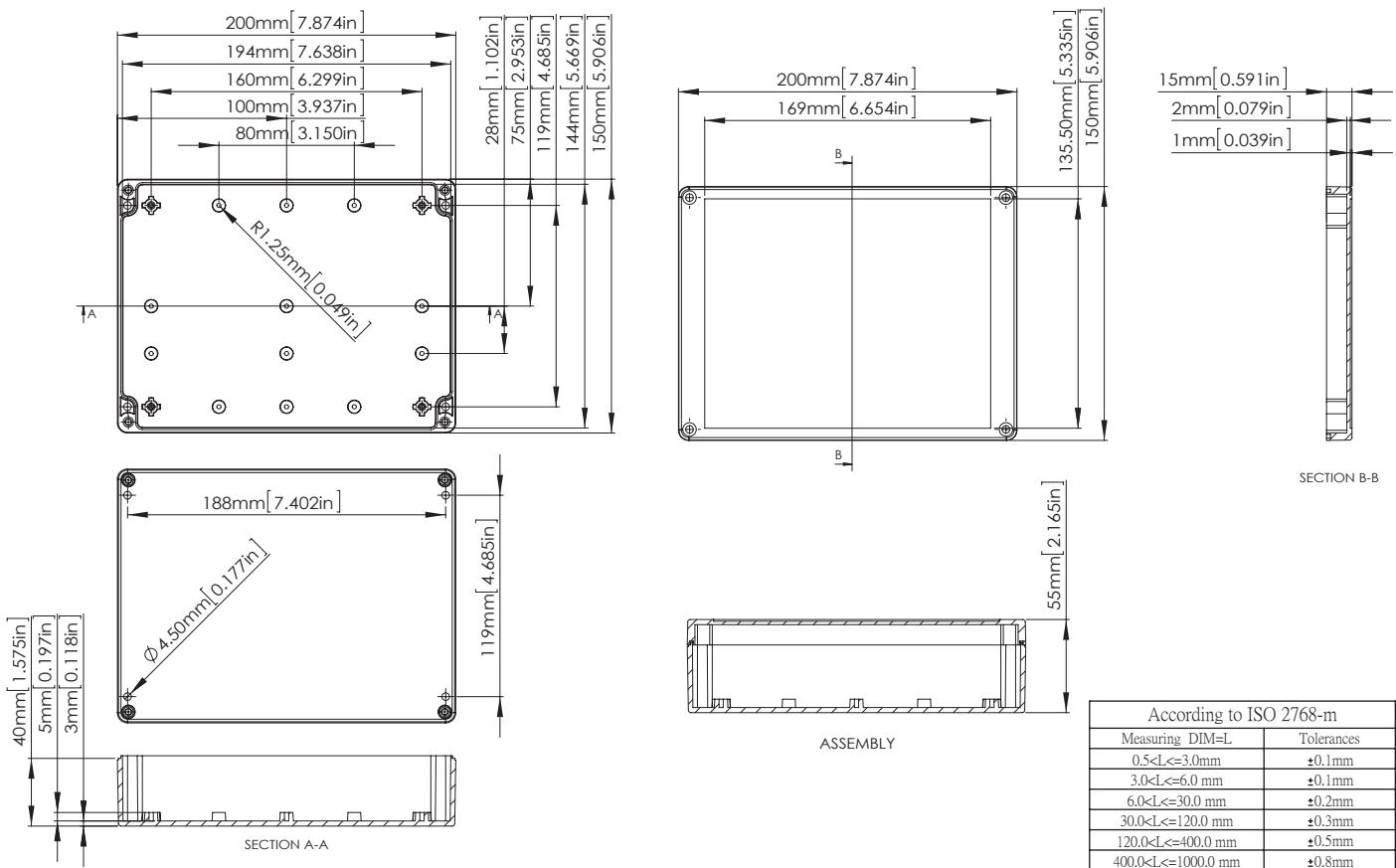
G2113 / G3118



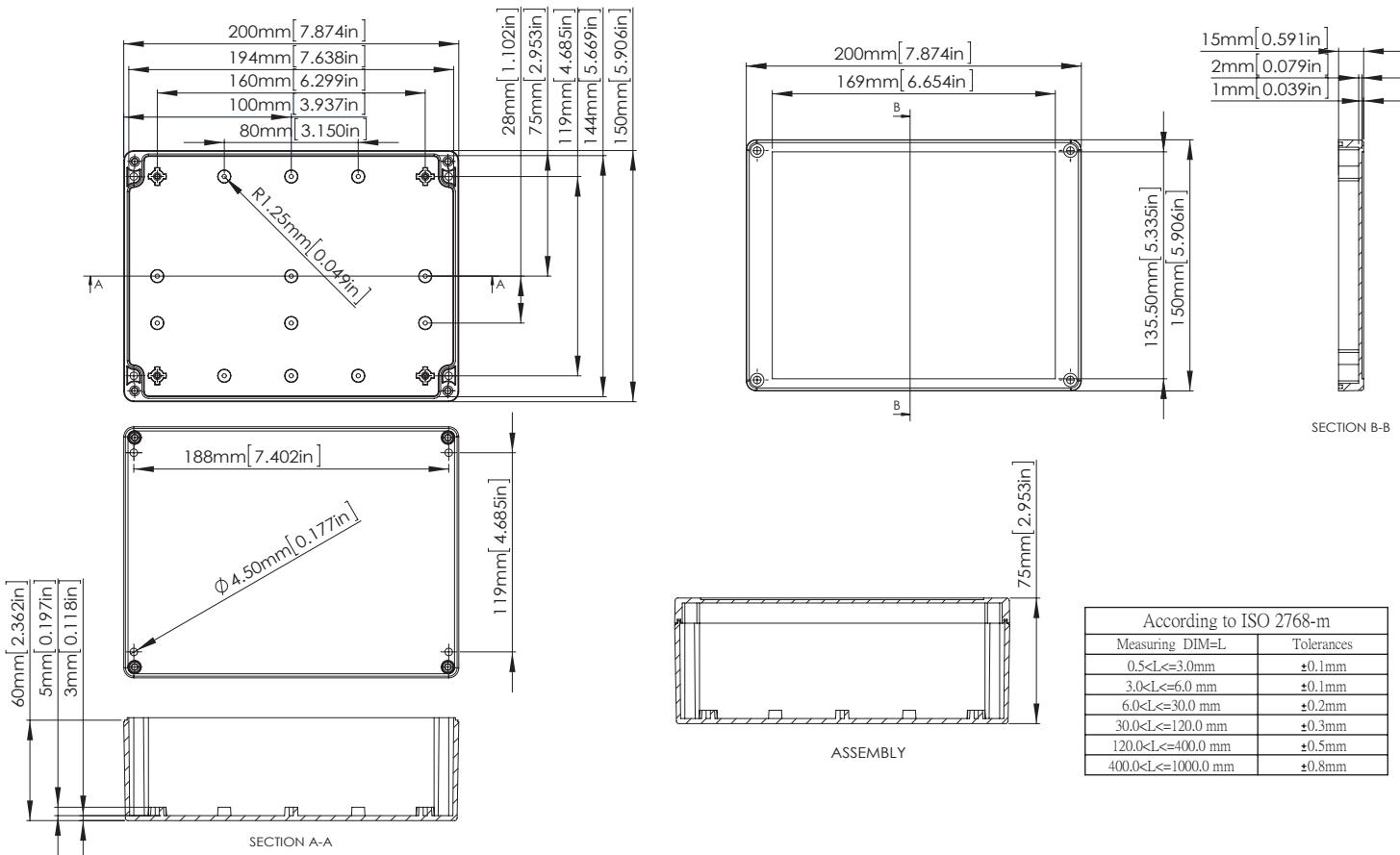
G2117 / G3121



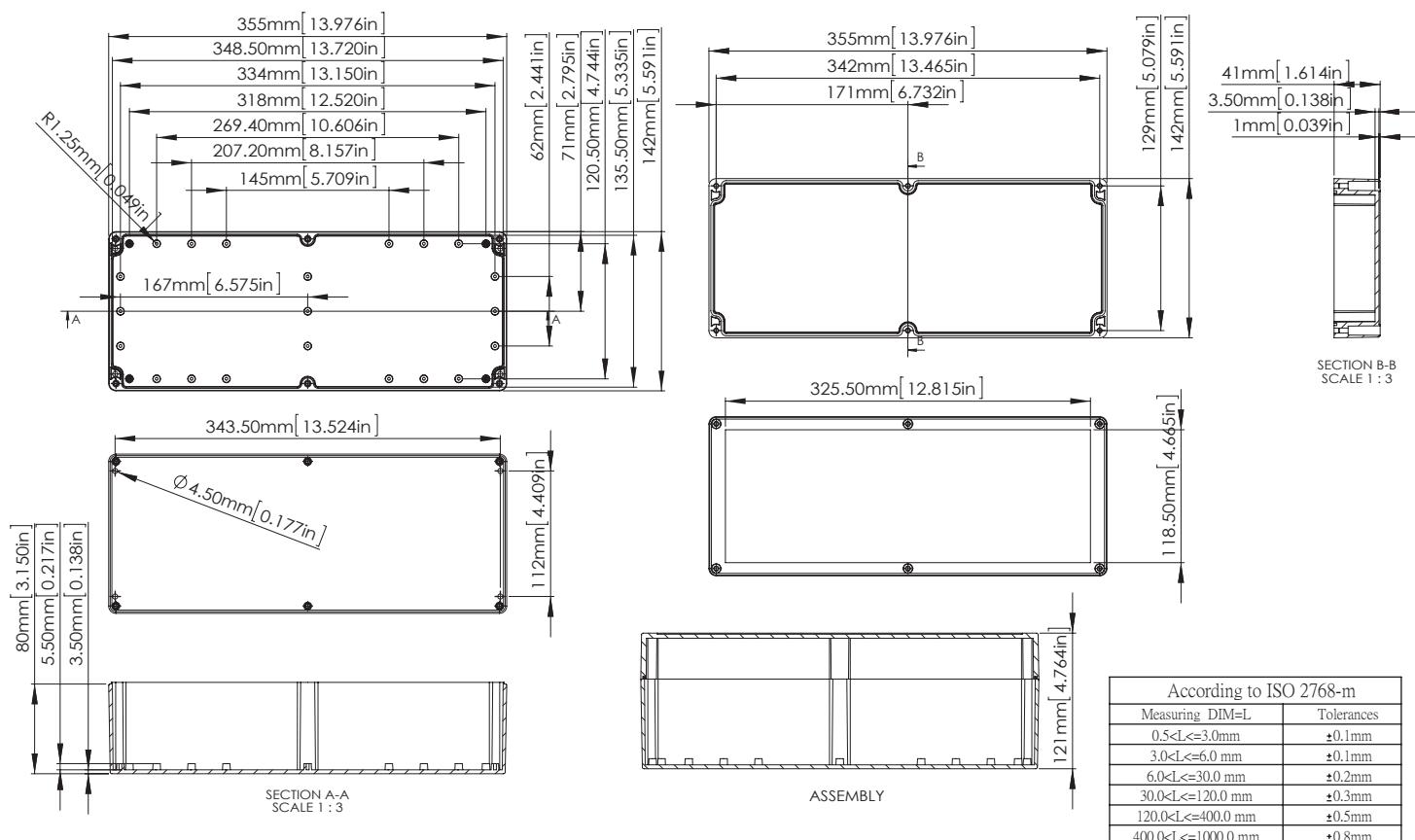
G2119 / G3122



G2120 / G3127



G2128 / G3130



IP65 SEALED DUAL-COMPARTMENT ENCLOSURE



PRODUCT INFORMATION

- 5 different sizes of wall mounting cases with separate terminal compartment for you to use in measurement & control application.
- These cases are able to be used with din EN60715 rail (35mm).
- Hinge type of transparent cover (left-hand or right-hand hinge) for you to view the terminal, open and close the cover easily.
- Fastening pillars and guide grooves for vertical and horizontal installation of printed circuit boards.
- PG or Metric rated break points are designed for you to use the IP68 cable glands (PG or Metric type) well.

TYPE A

DCXXXCUL SERIES



TYPE B

DCXXXCBU SERIES



TYPE C

DCXXXCBUNO SERIES



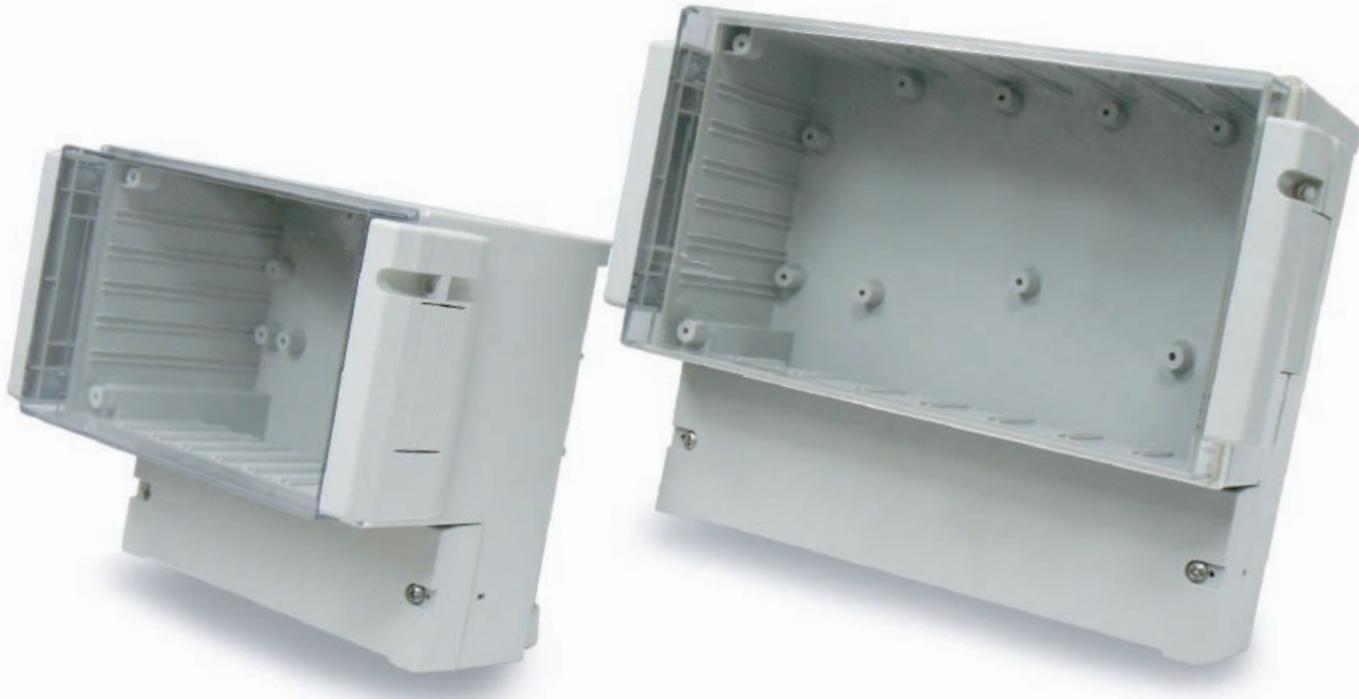
TYPE D

DCXXXLGNO SERIES



DCXXXCUL SERIES

DC001CUL, DC003CUL, DC005CUL, DC007CUL, DC009CUL



Example: DC001CUL



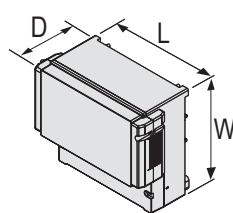
PRODUCT INFORMATION

- Material: UL94-V0 rating of PC/ABS (grey base, grey lid, hinge kit)
UL94-V0 rating of Polycarbonate (transparent lid)
- Color: Light grey, similar to RAL7038 with transparent lid.
- Recommended working temperature: -40°C to +120°C
- Ingress Protection: IP65 certified, EPDM gasket pre-installed.

Gasket pre-installed



Transparent lid



Terminal compartment lid

ITEM No.	MATERIAL	EXTERNAL DIMENSION(mm)
DC001CUL	PC/ABS, UL94-V0	166 x 161 x 93
DC003CUL	PC/ABS, UL94-V0	166 x 161 x 121
DC005CUL	PC/ABS, UL94-V0	213 x 185 x 104.5
DC007CUL	PC/ABS, UL94-V0	256 x 217 x 132.5
DC009CUL	PC/ABS, UL94-V0	296 x 281 x 158

DCXXXCBU SERIES

DC001CBU, DC003CBU, DC005CBU, DC007CBU, DC009CBU

ETC

IP65

CERTIFIED



Example: DC003CBU



PRODUCT INFORMATION

- Material: UL94-HB rating of ABS (grey base, gray lid, hinge kit)
UL94-HB rating of Polycarbonate (Transparent blue lid)
- Color: Light grey, similar to RAL 7035 with transparent blue lid.
- Recommended working temperature: -20°C to +80°C
- Ingress Protection: IP65 certified, EPDM gasket pre-installed.

Gasket pre-installed

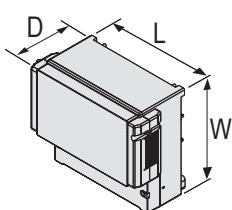


Transparent blue lid



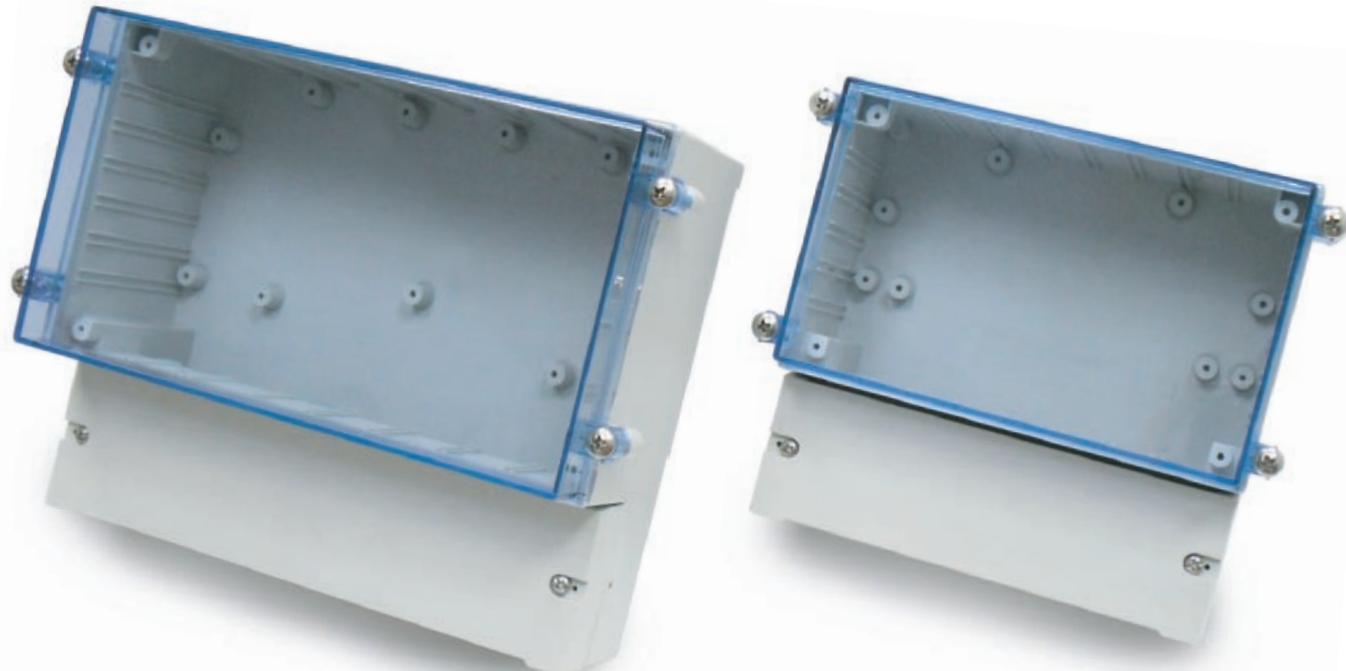
Terminal compartment lid

ITEM No.	MATERIAL	EXTERNAL DIMENSION(mm)
DC001CBU	ABS, UL94-HB	166 x 161 x 93
DC003CBU	ABS, UL94-HB	166 x 161 x 121
DC005CBU	ABS, UL94-HB	213 x 185 x 104.5
DC007CBU	ABS, UL94-HB	256 x 217 x 132.5
DC009CBU	ABS, UL94-HB	296 x 281 x 158



DCXXXCBUNO SERIES

**DC001CBUNO, DC003CBUNO, DC005CBUNO
DC007CBUNO, DC009CBUNO**



Example: DC009CBUNO



PRODUCT INFORMATION

- Material: UL94-HB rating of ABS(Grey base, gray lid)
- UL94-HB rating of Polycarbonate(Transparent blue lid)
- Color: Light grey, similar to RAL 7035 with transparent blue lid.
- Recommended working temperature: -20°C to +80°C.
- Ingress Protection: IP 65 certified, EPDM gasket pre-installed.

Gasket pre-installed

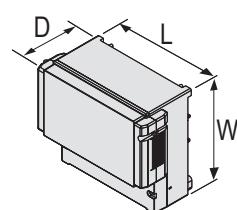


Transparent blue lid



Terminal compartment lid

ITEM No.	MATERIAL	EXTERNAL DIMENSION(mm)
DC001CBUNO	ABS, UL94-HB	166 x 161 x 93
DC003CBUNO	ABS, UL94-HB	166 x 161 x 121
DC005CBUNO	ABS, UL94-HB	213 x 185 x 104.5
DC007CBUNO	ABS, UL94-HB	256 x 217 x 132.5
DC009CBUNO	ABS, UL94-HB	296 x 281 x 158



DCXXXLGNO SERIES

**DC001LGNO, DC003LGNO, DC005LGNO
DC007LGNO, DC009LGNO**



Example: DC005LGNO



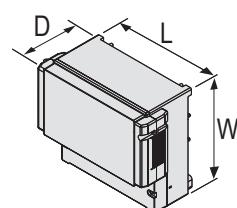
PRODUCT INFORMATION

- Material: UL94-HB rating of ABS.
- Color: Light grey, similar to RAL 7035.
- Recommended working temperature: -20°C to +80°C.
- Ingress Protection: IP 65 certified, EPDM gasket pre-installed.

Gasket pre-installed



Gray lid



Terminal compartment lid

ITEM No.	MATERIAL	EXTERNAL DIMENSION(mm)
DC001LGNO	ABS, UL94-HB	166 x 161 x 93
DC003LGNO	ABS, UL94-HB	166 x 161 x 121
DC005LGNO	ABS, UL94-HB	213 x 185 x 104.5
DC007LGNO	ABS, UL94-HB	256 x 217 x 132.5
DC009LGNO	ABS, UL94-HB	296 x 281 x 158

CONTENT

TYPE A

DCXXXCUL SERIES



① Cabinets



② Transparent lid



③ Terminal compartment lid



④ Hinge clip



⑤ Hinge bar



⑥ Locking hook



⑦ Lower locking hook



⑧ Screws for terminal compartment lid use

remark: M4X25MM
self tapping screws(2pcs)

TYPE B

DCXXXCBU SERIES



① Cabinets



② Transparent blue lid



③ Terminal compartment lid



④ Hinge clip



⑤ Hinge bar



⑥ Locking hook



⑦ Lower locking hook



⑧ Screws for terminal compartment lid use

remark: M4X25MM
self tapping screws(2pcs)

TYPE C

DCXXXCBUNO SERIES



① Cabinets



② Transparent blue lid



③ Terminal compartment lid



④ Screws for transparent blue lid use

remark: M5.5X27MM
self tapping screws(4pcs)



⑤ Screws for terminal compartment lid use

remark: M4X25MM
self tapping screws(2pcs)

TYPE D

DCXXXLGNO SERIES



① Cabinets



② Grey lid



③ Terminal compartment lid



④ Screws for grey lid use

remark: M5.5X27MM
self tapping screws(4pcs)



⑤ Screws for terminal compartment lid use

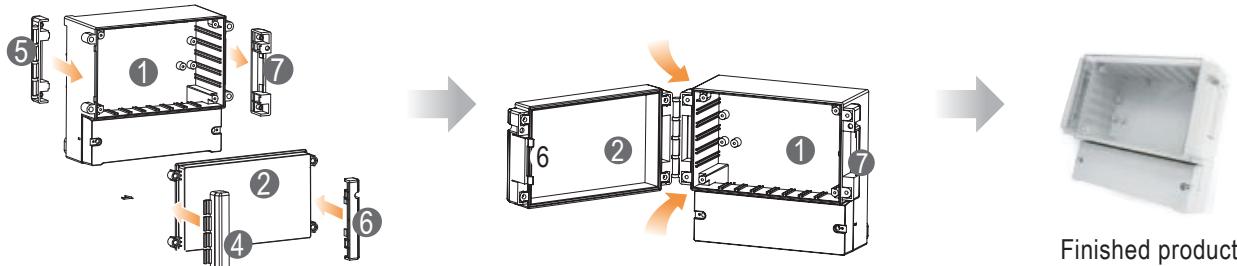
remark: M4X25MM
self tapping screws(2pcs)

ASSEMBLY INSTRUCTION

FOR DCXXXCUL SERIES (TYPE A), DCXXXCBU(TYPE B)

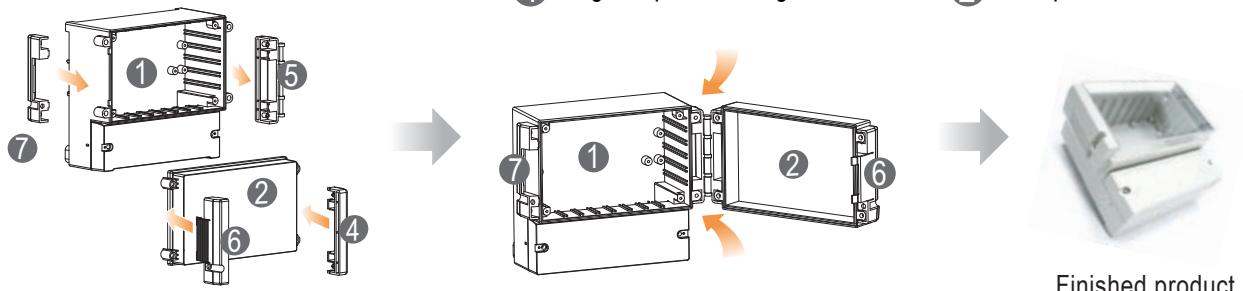
Left-hand hinge

1. To assemble the ⑤ hinge bar on the left side of the ① cabinets.
2. To assemble the ⑦ lower locking hook on the right side of the ① cabinets.
3. To assemble the ④ hinge clip on the left side of the ② transparent lid.
4. To assemble the ⑥ locking hook on the right side of the ② transparent lid.



Right-hand hinge

1. To assemble the ⑦ lower locking hook on the left side of the ① cabinets.
2. To assemble the ⑤ hinge bar on the right side of the ① cabinets.
3. To assemble the ⑥ locking hook on the left side of the ② transparent lid.
4. To assemble the ④ hinge clip on the right side of the ② transparent lid.



OTHER FEATURES

Mounting brackets (Optional)

Can be assembled with the mounting brackets.



Designed to assemble with the IP68 cable glands (PG or Metric type).



Din EN60715 rail (35mm)

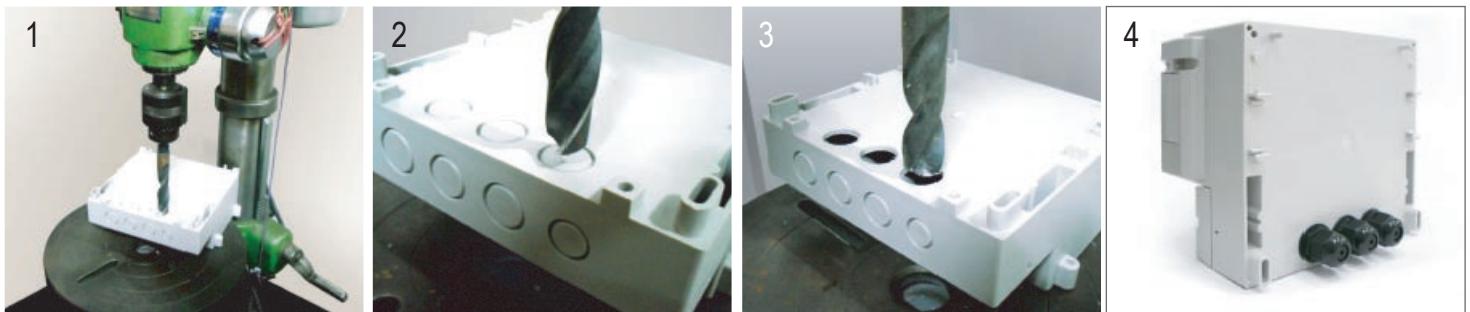
Can be assembled with the din EN60715 rail (35mm).



Designed to assemble with the lock

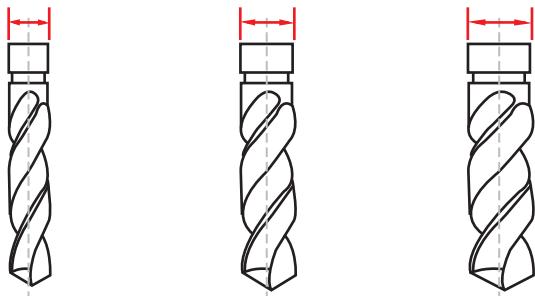


Example for The Drilling & Assembly of The Cable Gland with DC0XXX Series of Plastic Box.



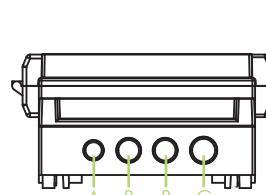
Recommended bit size

< A >
DIA 16.0 mm **< B >**
DIA 19.0 mm **< C >**
DIA 21.0 mm

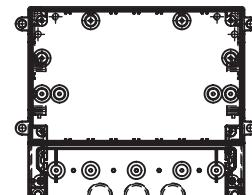


Recommended bit size		Cable Gland
A	DIA 16.0 mm	PG9 (or M12)
B	DIA 19.0 mm	PG11 (or M16)
C	DIA 21.0 mm	PG13.5 (or M20)

DC001CUL, DC001CBU, DC001LGNO, DC001CBUNO

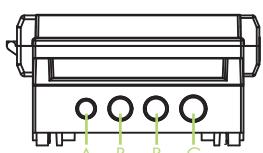


Front view

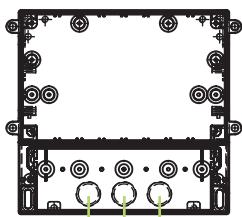


Bottom view

DC003CUL, DC003CBU, DC003LGNO, DC003CBUNO

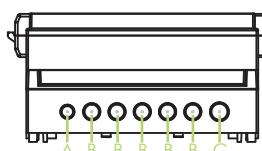


Front view

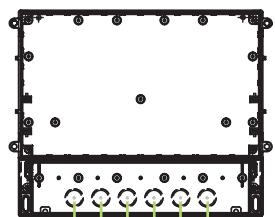


Bottom view

DC005CUL, DC005CBU, DC005LGNO, DC005CBUNO

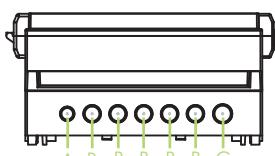


Front view

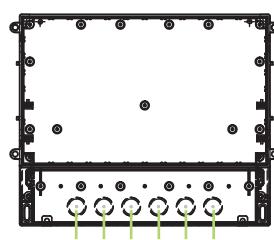


Bottom view

DC007CUL, DC007CBU, DC007LGNO, DC007CBUNO

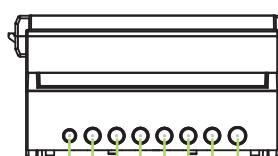


Front view

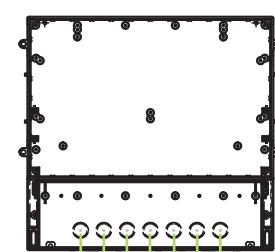


Bottom view

DC009CUL, DC009CBU, DC009LGNO, DC009CBUNO

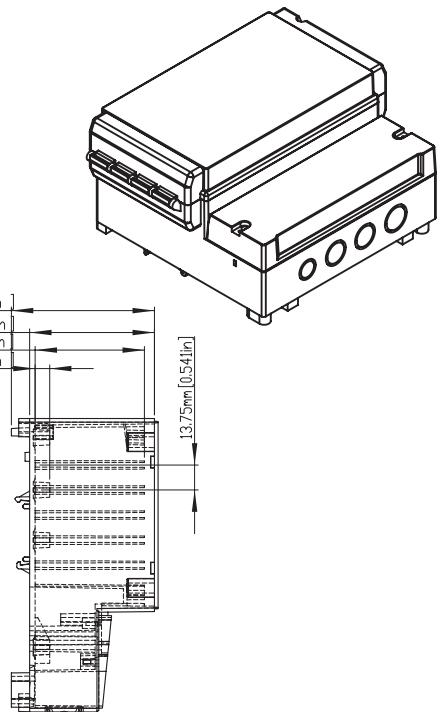
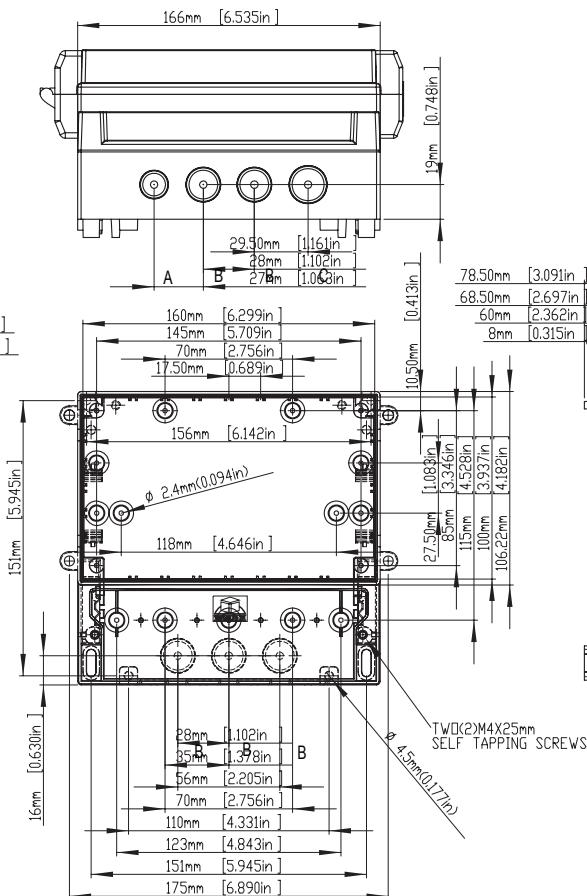
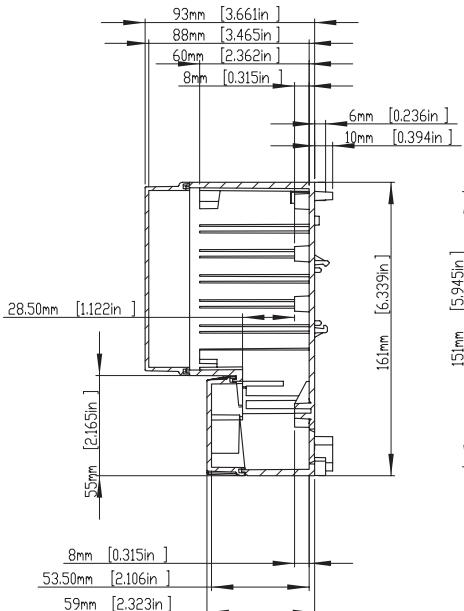


Front view



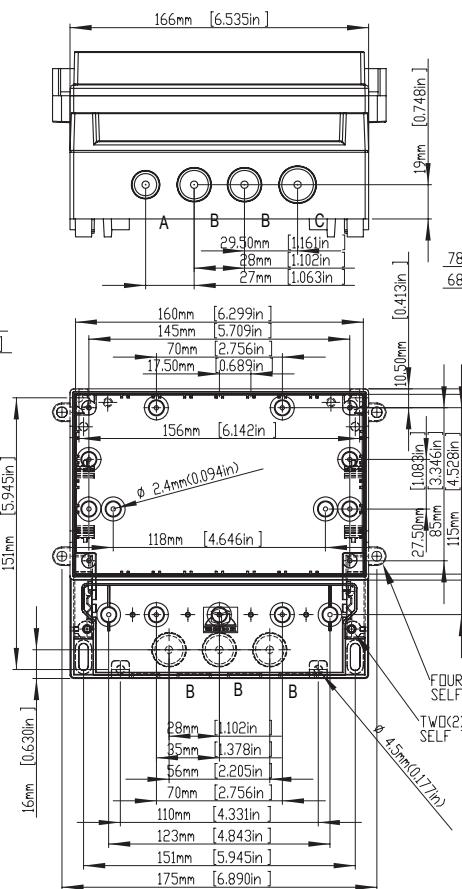
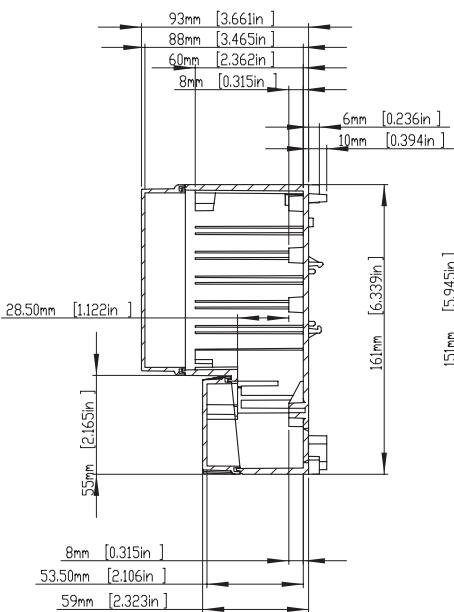
Bottom view

DC001CUL/DC001CBU

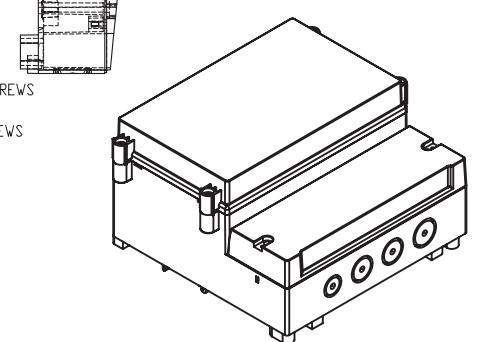


Item	Dimension	Cable Gland
A	15.6 mm	PG 9 (or M12)
B	19.0 mm	PG 11 (or M16)
C	20.8 mm	PG 13.5 (or M20)

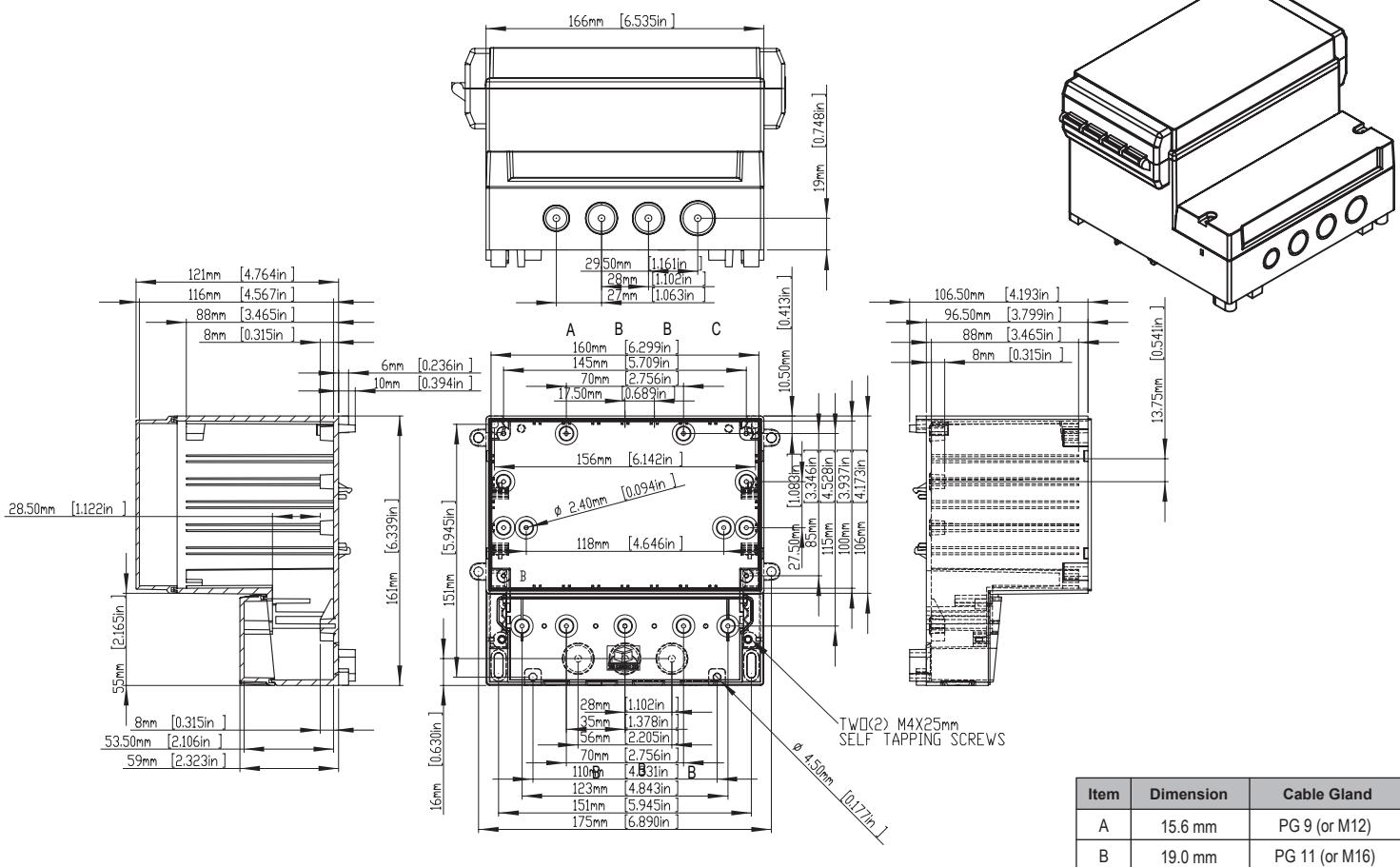
DC001CBUNO/DC001LGNO



According to ISO 2768-m		
Measuring	DIM=L	Tolerances
0.5 < L ≤ 3.0 mm		±0.1 mm
3.0 < L ≤ 6.0 mm		±0.1 mm
6.0 < L ≤ 30.0 mm		±0.2 mm
30.0 < L ≤ 120.0 mm		±0.3 mm
120.0 < L ≤ 400.0 mm		±0.5 mm
400.0 < L ≤ 1000.0 mm		±0.8 mm



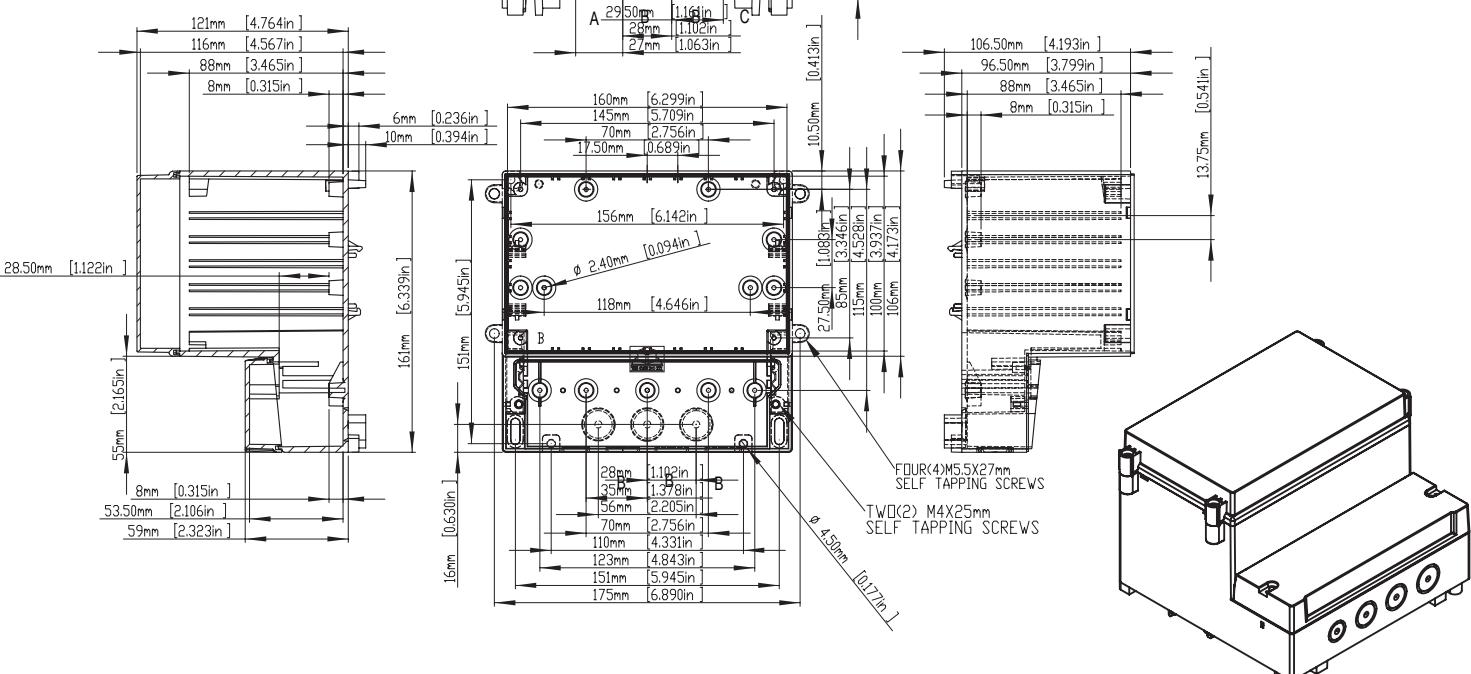
DC003CUL/DC003CBU



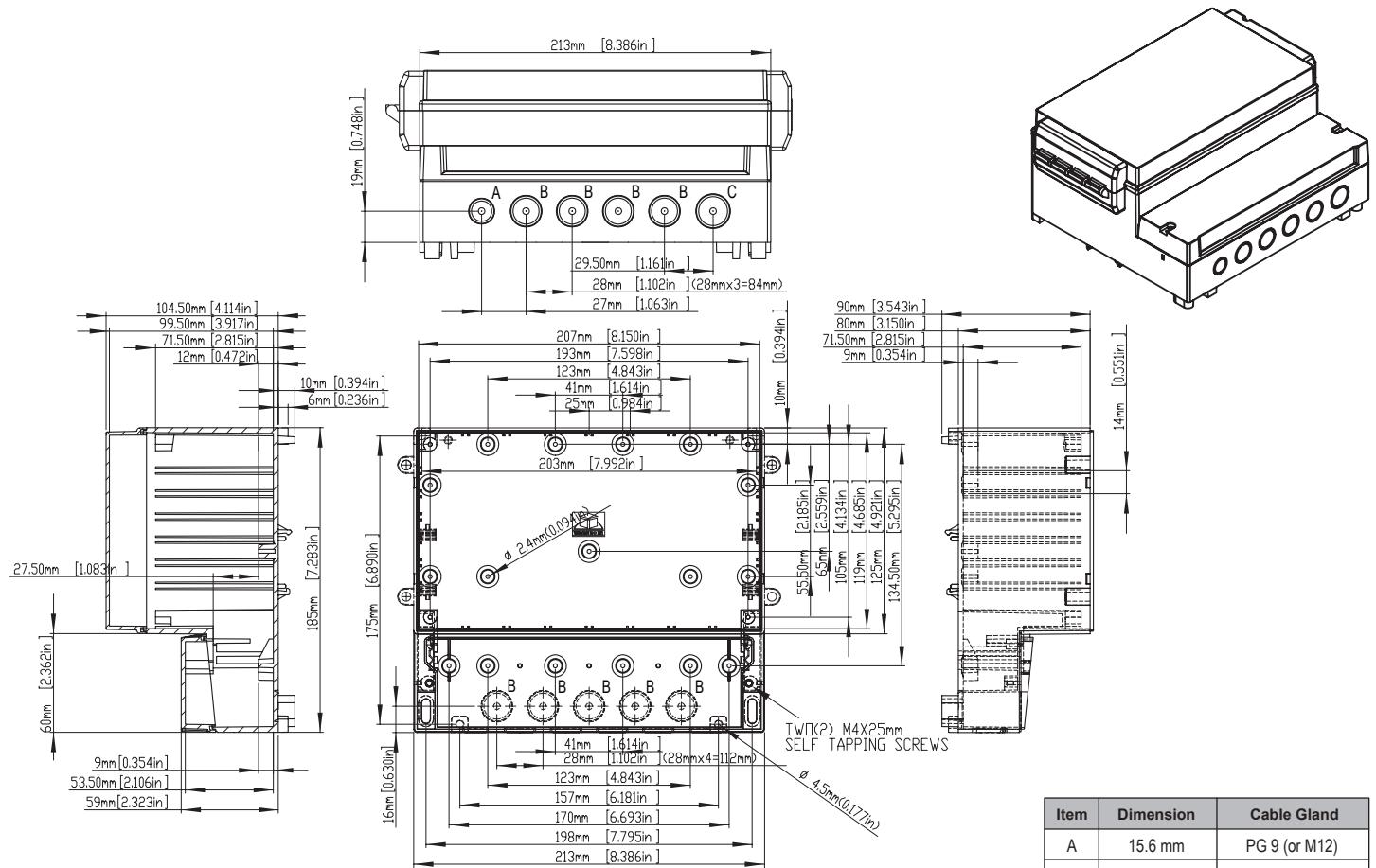
Item	Dimension	Cable Gland
A	15.6 mm	PG 9 (or M12)
B	19.0 mm	PG 11 (or M16)
C	20.8 mm	PG 13.5 (or M20)

According to ISO 2768-m

Measuring	DIM=L	Tolerances
0.5 < L ≤ 3.0 mm	±0.1 mm	
3.0 < L ≤ 6.0 mm	±0.1 mm	
6.0 < L ≤ 30.0 mm	±0.2 mm	
30.0 < L ≤ 120.0 mm	±0.3 mm	
120.0 < L ≤ 400.0 mm	±0.5 mm	
400.0 < L ≤ 1000.0 mm	±0.8 mm	



DC005CUL/DC005CBU

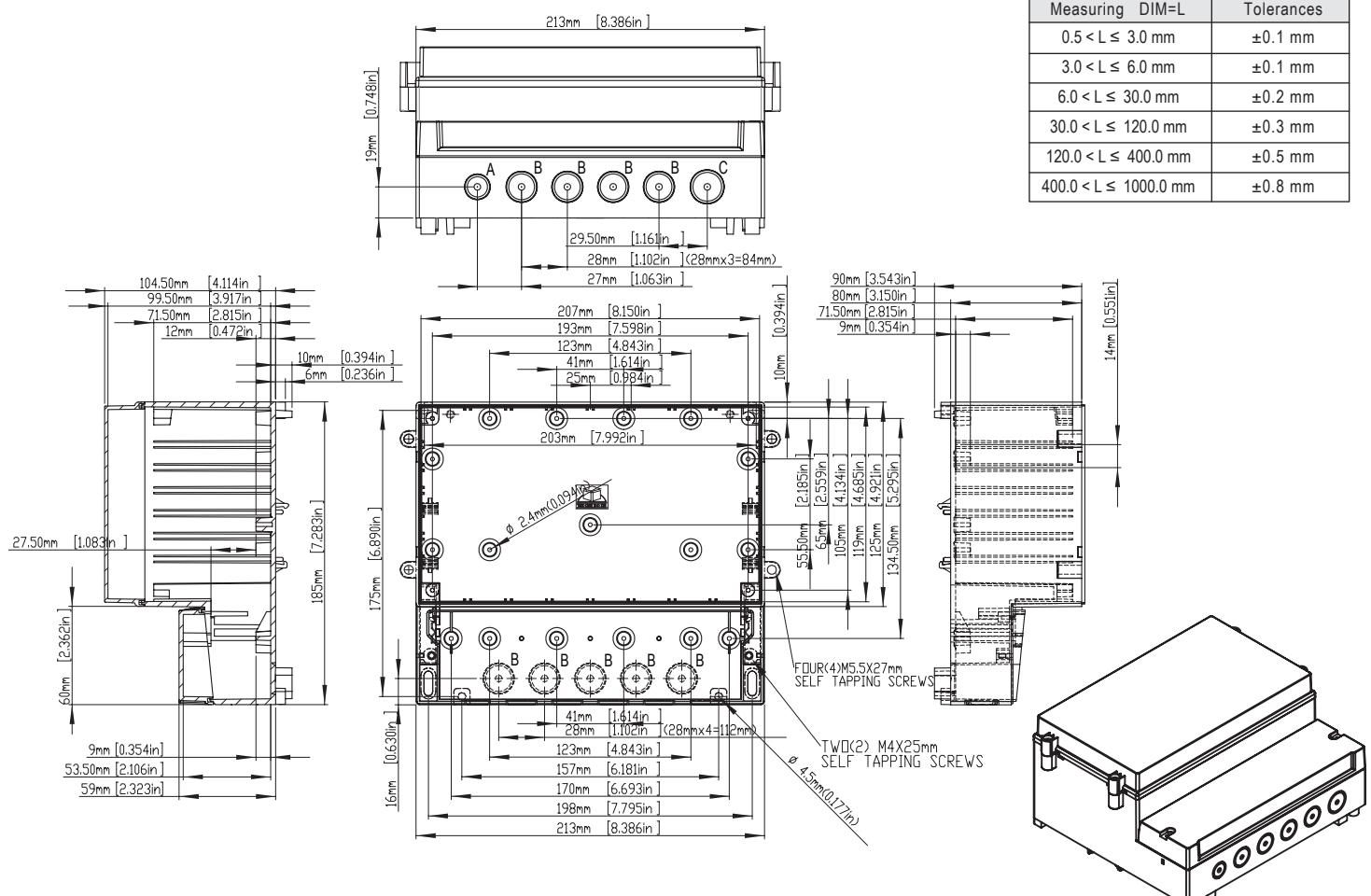


Item	Dimension	Cable Gland
A	15.6 mm	PG 9 (or M12)
B	19.0 mm	PG 11 (or M16)
C	20.8 mm	PG 13.5 (or M20)

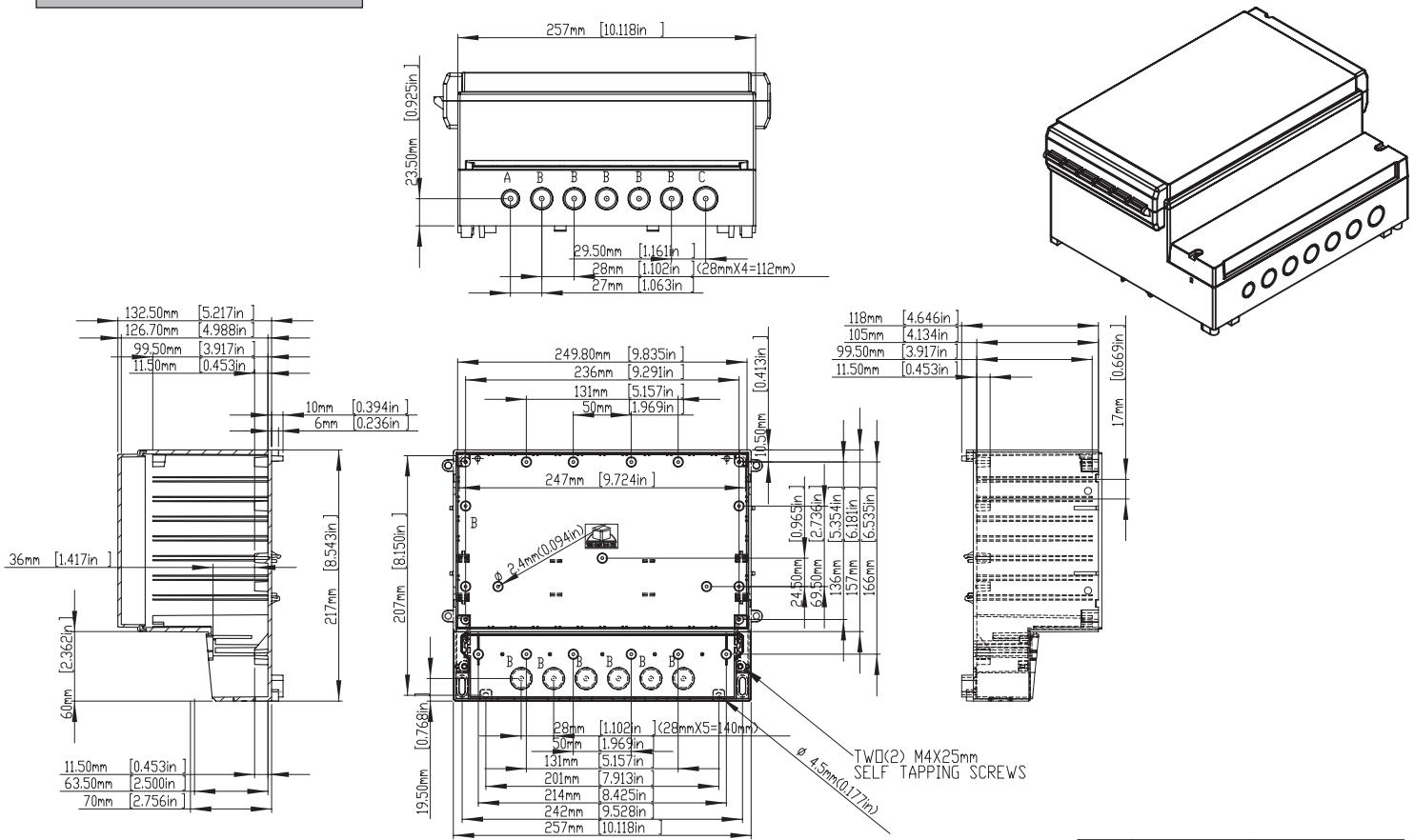
According to ISO 2768-m

Measuring	DIM=L	Tolerances
0.5 < L ≤ 3.0 mm		±0.1 mm
3.0 < L ≤ 6.0 mm		±0.1 mm
6.0 < L ≤ 30.0 mm		±0.2 mm
30.0 < L ≤ 120.0 mm		±0.3 mm
120.0 < L ≤ 400.0 mm		±0.5 mm
400.0 < L ≤ 1000.0 mm		±0.8 mm

DC005CBUNO/DC005LGNO



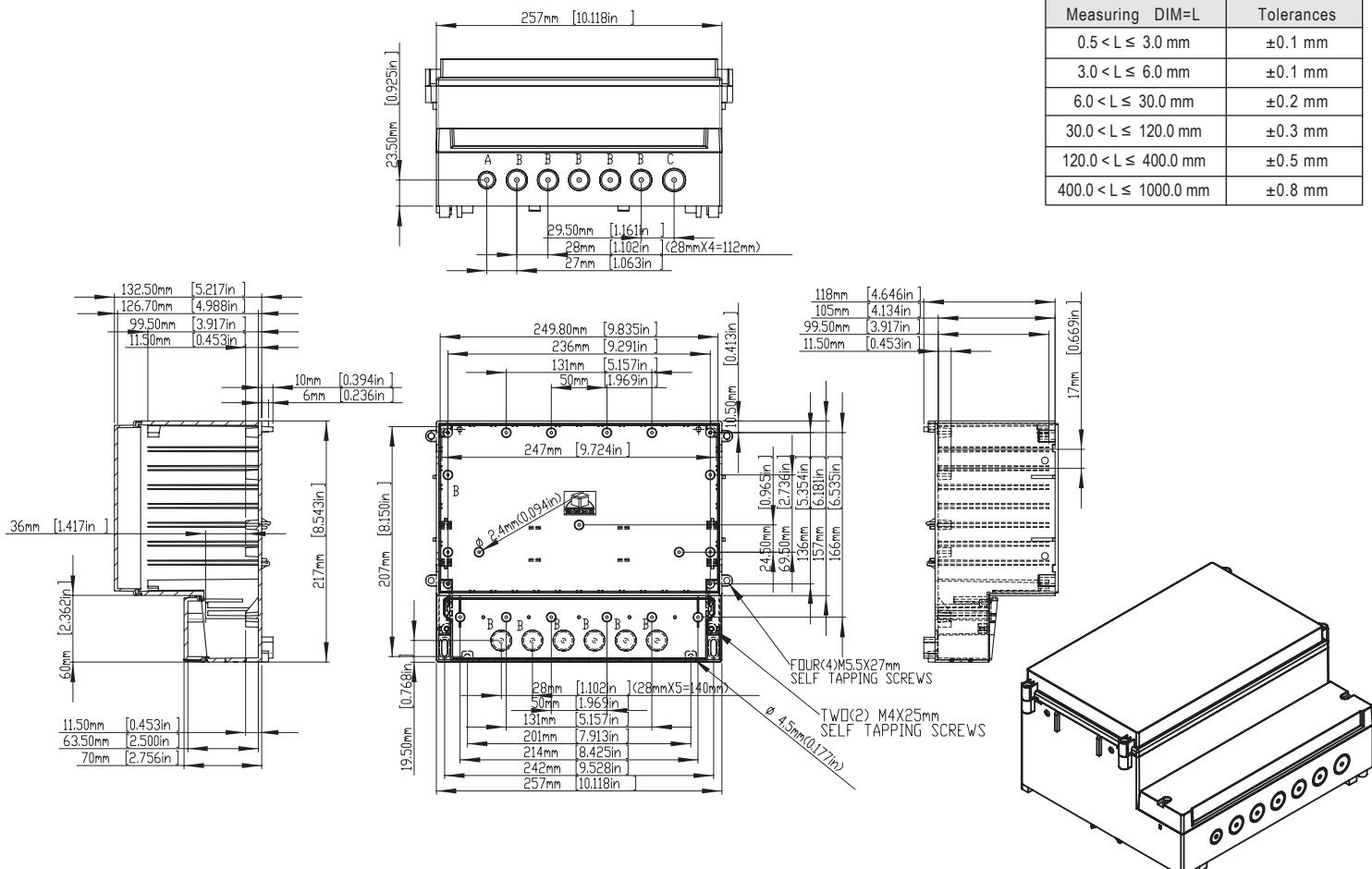
DC007CUL/DC007CBU



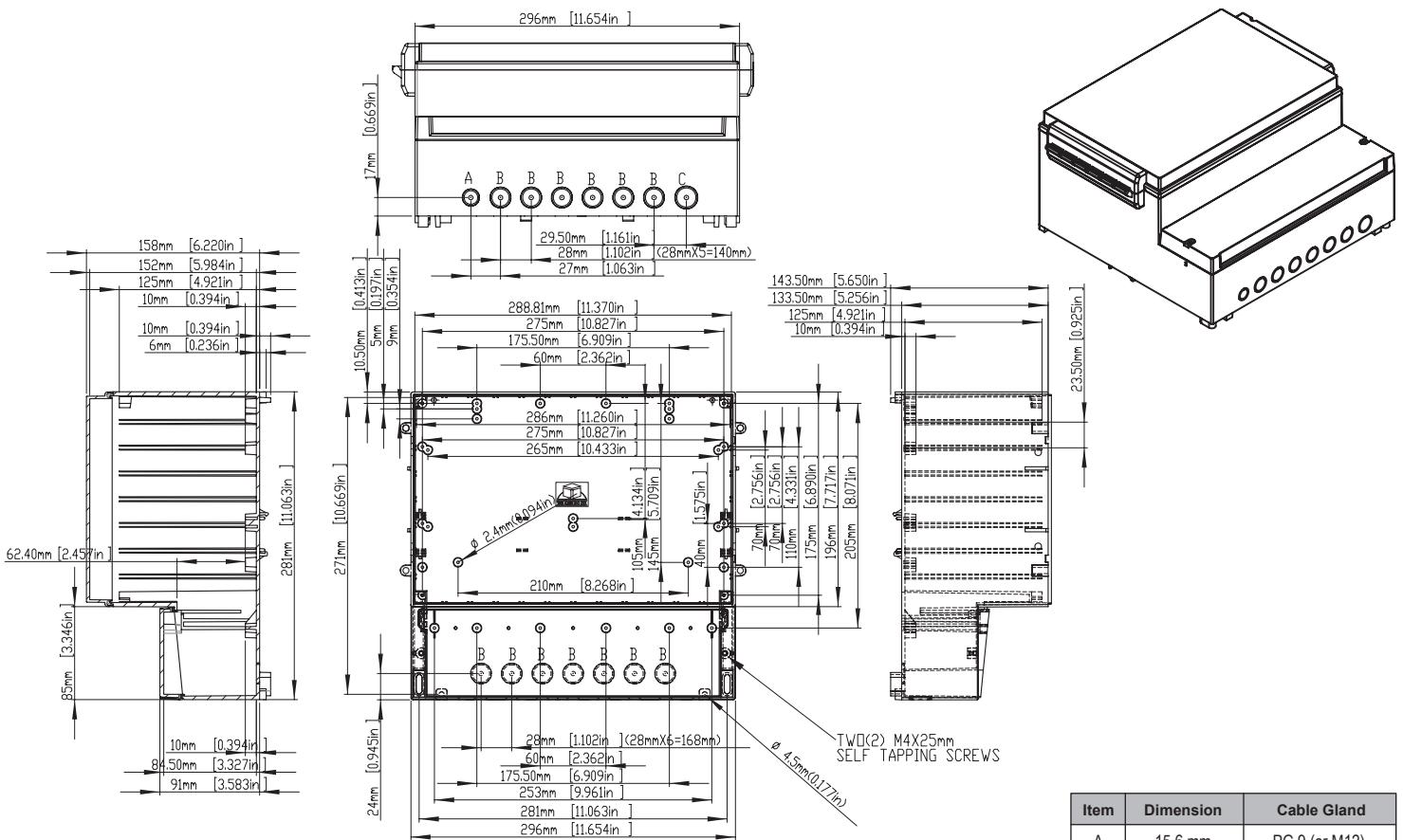
Item	Dimension	Cable Gland
A	15.6 mm	PG 9 (or M12)
B	19.0 mm	PG 11 (or M16)
C	20.8 mm	PG 13.5 (or M20)

According to ISO 2768-m		
Measuring	DIM=L	Tolerances
0.5 < L ≤ 3.0 mm		±0.1 mm
3.0 < L ≤ 6.0 mm		±0.1 mm
6.0 < L ≤ 30.0 mm		±0.2 mm
30.0 < L ≤ 120.0 mm		±0.3 mm
120.0 < L ≤ 400.0 mm		±0.5 mm
400.0 < L ≤ 1000.0 mm		±0.8 mm

DC007CBUNO/DC007LGNO



DC009CUL/DC009CBU

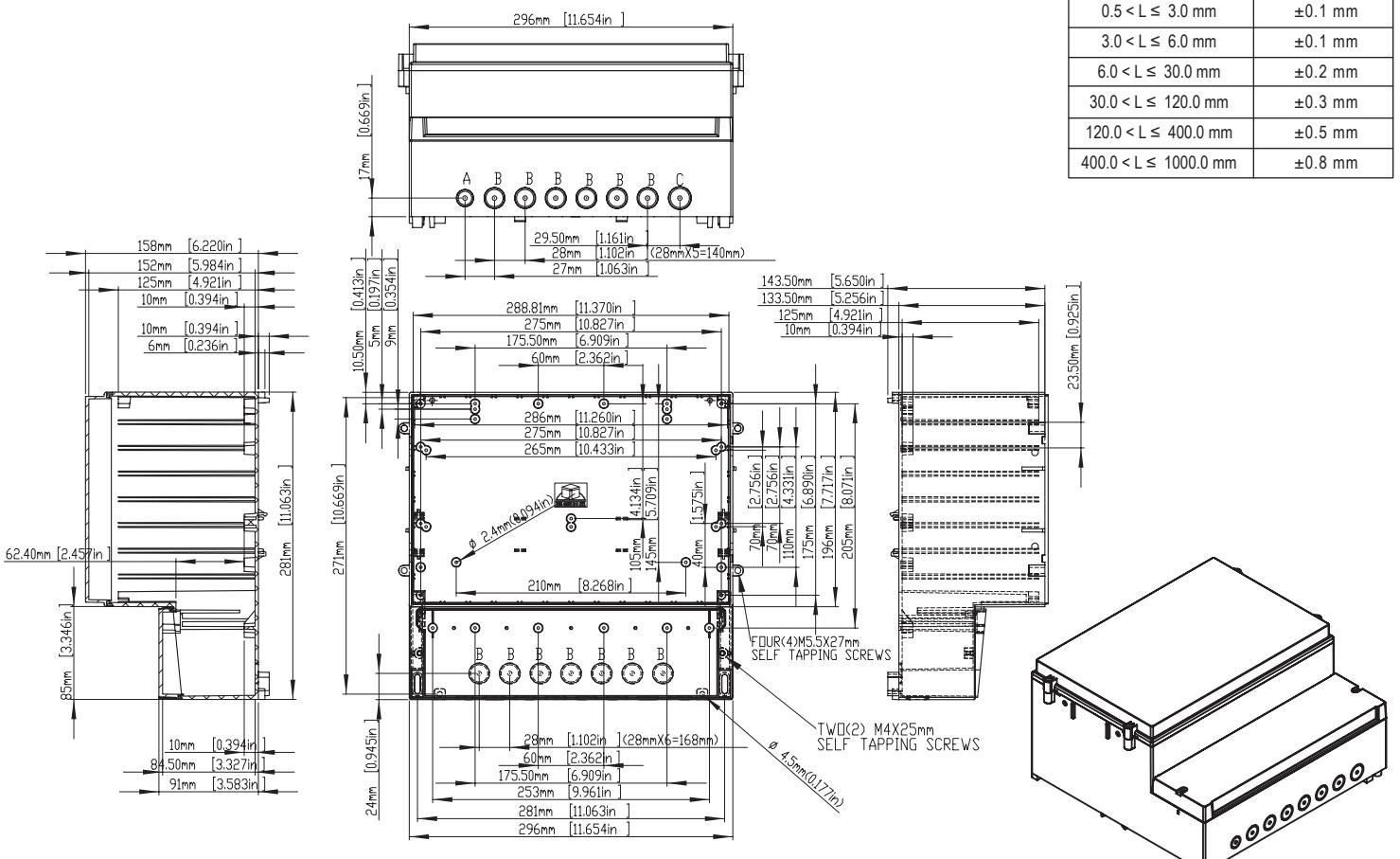


Item	Dimension	Cable Gland
A	15.6 mm	PG 9 (or M12)
B	19.0 mm	PG 11 (or M16)
C	20.8 mm	PG 13.5 (or M20)

According to ISO 2768-m

Measuring DIM=L	Tolerances
$0.5 < L \leq 3.0$ mm	± 0.1 mm
$3.0 < L \leq 6.0$ mm	± 0.1 mm
$6.0 < L \leq 30.0$ mm	± 0.2 mm
$30.0 < L \leq 120.0$ mm	± 0.3 mm
$120.0 < L \leq 400.0$ mm	± 0.5 mm
$400.0 < L \leq 1000.0$ mm	± 0.8 mm

DC009CBUNO/DC009LGNO



NUBXXXXXX SERIES

NEW UTILITY BOX



PRODUCT INFORMATION

MATERIAL: High impact UL94-HB, ABS.

FEATURES:

- Ideally designed for small printed circuit board use or used as potting box.
- Snap fit cover with the base of design is easy for assembly.
- Flanged base with mounting holes for customer to do the wall mounting easily.
- Cable outlet are designed in the cover , easily use the cutter to open.
- Durable UL94-V0 rating of abs or polycarbonate are available upon request.
- Four different colors for selection -----



NUBXXXXXRBK SERIES
Color: Black (Pantone Black U)



NUBXXXXXWH SERIES
Color: White (RAL9002)



NUBXXXXXOR SERIES
Color: Orange (Pantone 165C)



NUBXXXXXRD SERIES
Color: Red (Pantone 186C)

NUBXXXXXXBK, NUBXXXXXXWH SERIES

NUBXXXXXXBK SERIES (Color: Black)



ITEM No.	COLOR	MATERIAL	EXTERNAL DIMENSION(mm)			Suitable cable diameter in mm for use in the cable outlet
			LENGTH	WIDTH	HEIGHT	
NUB503522BK	Black	ABS, UL94-HB	50	35.4	22	2 CORE , 3 MM
NUB505017BK	Black	ABS, UL94-HB	50	50.4	17	2 CORE , 3 MM
NUB505027BK	Black	ABS, UL94-HB	50	50.4	27	2 CORE , 3 MM
NUB705017BK	Black	ABS, UL94-HB	70	50.4	17	2 CORE , 3 MM
NUB705029BK	Black	ABS, UL94-HB	70	50.4	29.5	2 CORE , 3 MM
NUB705042BK	Black	ABS, UL94-HB	70	50.4	42	2 CORE , 3 MM
NUB808023BK	Black	ABS, UL94-HB	80	80.6	23.5	2 CORE , 3 MM
NUB808043BK	Black	ABS, UL94-HB	80	80.6	43.5	2 CORE , 6 MM
NUB904527BK	Black	ABS, UL94-HB	90	45.6	27.5	2 CORE , 6 MM
NUB1057020BK	Black	ABS, UL94-HB	105	70.6	20.5	2 CORE , 6 MM
NUB1057035BK	Black	ABS, UL94-HB	105	70.6	35.5	2 CORE , 6 MM
NUB1057050BK	Black	ABS, UL94-HB	105	70.6	50.5	2 CORE , 6 MM

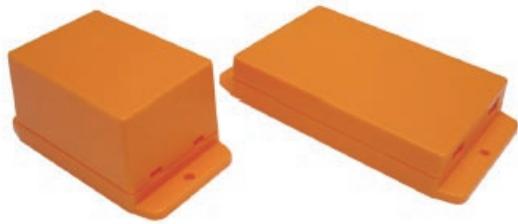
NUBXXXXXXWH SERIES (Color: White)



ITEM No.	COLOR	MATERIAL	EXTERNAL DIMENSION(mm)			Suitable cable diameter in mm for use in the cable outlet
			LENGTH	WIDTH	HEIGHT	
NUB503522WH	White	ABS, UL94-HB	50	35.4	22	2 CORE , 3 MM
NUB505017WH	White	ABS, UL94-HB	50	50.4	17	2 CORE , 3 MM
NUB505027WH	White	ABS, UL94-HB	50	50.4	27	2 CORE , 3 MM
NUB705017WH	White	ABS, UL94-HB	70	50.4	17	2 CORE , 3 MM
NUB705029WH	White	ABS, UL94-HB	70	50.4	29.5	2 CORE , 3 MM
NUB705042WH	White	ABS, UL94-HB	70	50.4	42	2 CORE , 3 MM
NUB808023WH	White	ABS, UL94-HB	80	80.6	23.5	2 CORE , 3 MM
NUB808043WH	White	ABS, UL94-HB	80	80.6	43.5	2 CORE , 6 MM
NUB904527WH	White	ABS, UL94-HB	90	45.6	27.5	2 CORE , 6 MM
NUB1057020WH	White	ABS, UL94-HB	105	70.6	20.5	2 CORE , 6 MM
NUB1057035WH	White	ABS, UL94-HB	105	70.6	35.5	2 CORE , 6 MM
NUB1057050WH	White	ABS, UL94-HB	105	70.6	50.5	2 CORE , 6 MM

NUBXXXXXXOR, NUBXXXXXXRD SERIES

NUBXXXXXXOR SERIES (Color: Orange)



ITEM No.	COLOR	MATERIAL	EXTERNAL DIMENSION(mm)			Suitable cable diameter in mm for use in the cable outlet
			LENGTH	WIDTH	HEIGHT	
NUB503522OR	Orange	ABS, UL94-HB	50	35.4	22	2 CORE , 3 MM
NUB505017OR	Orange	ABS, UL94-HB	50	50.4	17	2 CORE , 3 MM
NUB505027OR	Orange	ABS, UL94-HB	50	50.4	27	2 CORE , 3 MM
NUB705017OR	Orange	ABS, UL94-HB	70	50.4	17	2 CORE , 3 MM
NUB705029OR	Orange	ABS, UL94-HB	70	50.4	29.5	2 CORE , 3 MM
NUB705042OR	Orange	ABS, UL94-HB	70	50.4	42	2 CORE , 3 MM
NUB808023OR	Orange	ABS, UL94-HB	80	80.6	23.5	2 CORE , 3 MM
NUB808043OR	Orange	ABS, UL94-HB	80	80.6	43.5	2 CORE , 6 MM
NUB904527OR	Orange	ABS, UL94-HB	90	45.6	27.5	2 CORE , 6 MM
NUB1057020OR	Orange	ABS, UL94-HB	105	70.6	20.5	2 CORE , 6 MM
NUB1057035OR	Orange	ABS, UL94-HB	105	70.6	35.5	2 CORE , 6 MM
NUB1057050OR	Orange	ABS, UL94-HB	105	70.6	50.5	2 CORE , 6 MM

NUBXXXXXXRD SERIES (Color: Red)

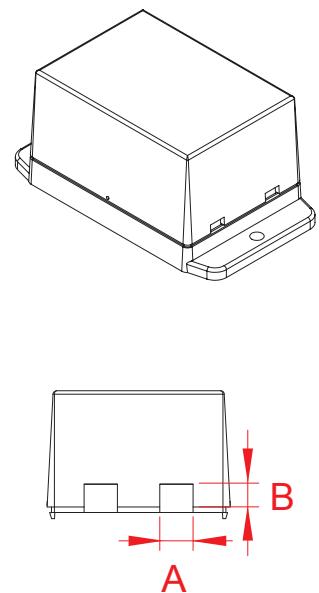


ITEM No.	COLOR	MATERIAL	EXTERNAL DIMENSION(mm)			Suitable cable diameter in mm for use in the cable outlet
			LENGTH	WIDTH	HEIGHT	
NUB503522RD	Red	ABS, UL94-HB	50	35.4	22	2 CORE , 3 MM
NUB505017RD	Red	ABS, UL94-HB	50	50.4	17	2 CORE , 3 MM
NUB505027RD	Red	ABS, UL94-HB	50	50.4	27	2 CORE , 3 MM
NUB705017RD	Red	ABS, UL94-HB	70	50.4	17	2 CORE , 3 MM
NUB705029RD	Red	ABS, UL94-HB	70	50.4	29.5	2 CORE , 3 MM
NUB705042RD	Red	ABS, UL94-HB	70	50.4	42	2 CORE , 3 MM
NUB808023RD	Red	ABS, UL94-HB	80	80.6	23.5	2 CORE , 3 MM
NUB808043RD	Red	ABS, UL94-HB	80	80.6	43.5	2 CORE , 6 MM
NUB904527RD	Red	ABS, UL94-HB	90	45.6	27.5	2 CORE , 6 MM
NUB1057020RD	Red	ABS, UL94-HB	105	70.6	20.5	2 CORE , 6 MM
NUB1057035RD	Red	ABS, UL94-HB	105	70.6	35.5	2 CORE , 6 MM
NUB1057050RD	Red	ABS, UL94-HB	105	70.6	50.5	2 CORE , 6 MM

How to well cut the cable outlet

Hole dimension of the cable outlet (mm)

ITEM No.	A	B	Suitable cable diameter in mm for use in the cable outlet
NUB503522XX SERIES	6 mm	3 mm	2 CORE, 3 MM
NUB505017XX SERIES	6 mm	3 mm	2 CORE, 3 MM
NUB505027XX SERIES	6 mm	3 mm	2 CORE, 3 MM
NUB705017XX SERIES	6 mm	3 mm	2 CORE, 3 MM
NUB705029XX SERIES	6 mm	3 mm	2 CORE, 3 MM
NUB904527XX SERIES	6 mm	3 mm	2 CORE, 3 MM
NUB705042XX SERIES	6 mm	3 mm	2 CORE, 3 MM
NUB1057020XX SERIES	12 mm	6 mm	2 CORE, 6 MM
NUB1057035XX SERIES	12 mm	6 mm	2 CORE, 6 MM
NUB1057050XX SERIES	12 mm	6 mm	2 CORE, 6 MM
NUB808023XX SERIES	12 mm	6 mm	2 CORE, 6 MM
NUB808043XX SERIES	12 mm	6 mm	2 CORE, 6 MM



1. Select a suitable cable cutter



2. Press the "o" position of the cover , and open the box.



3. Use the cutter to cut one side of cable outlet



4. Cut another side of cable outlet

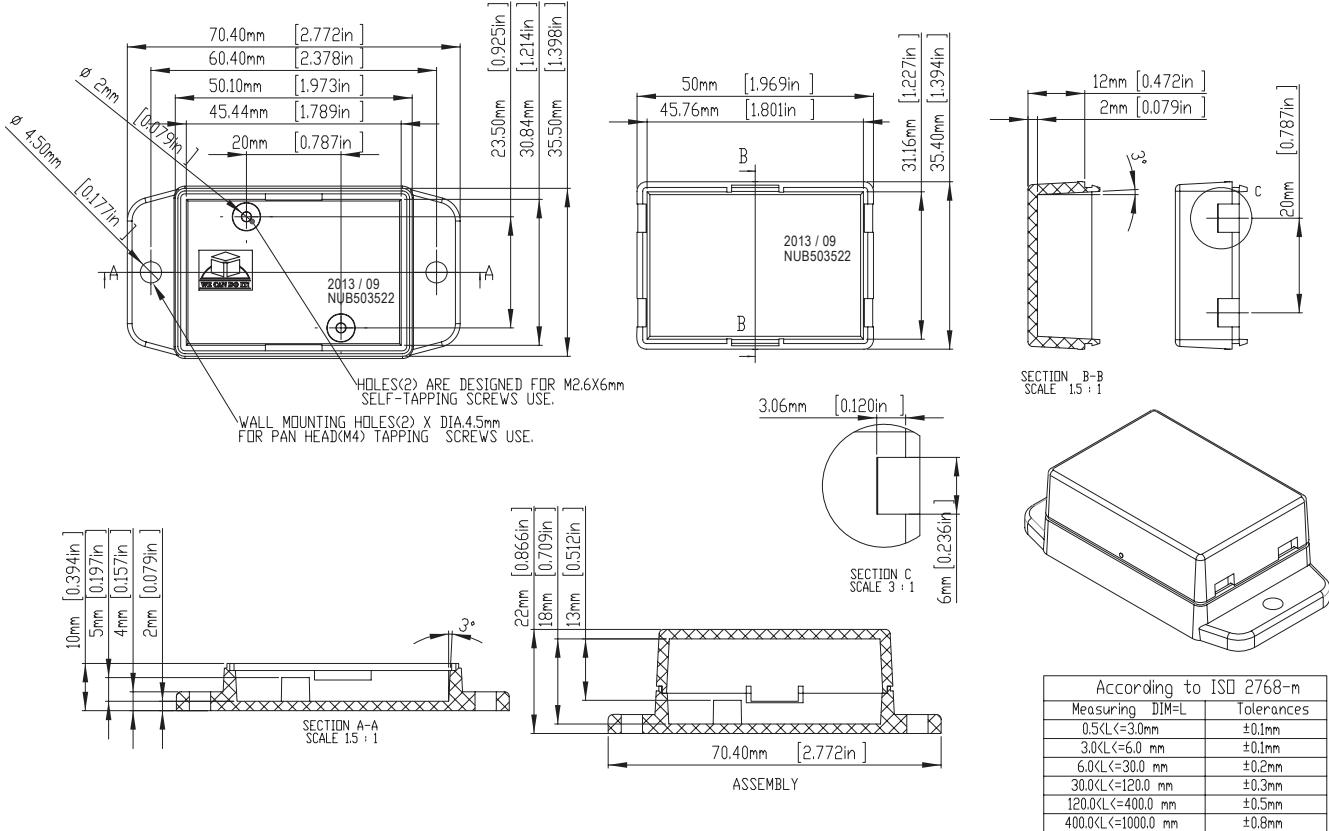


5. Use the finger to bend additional material of the cable outlet

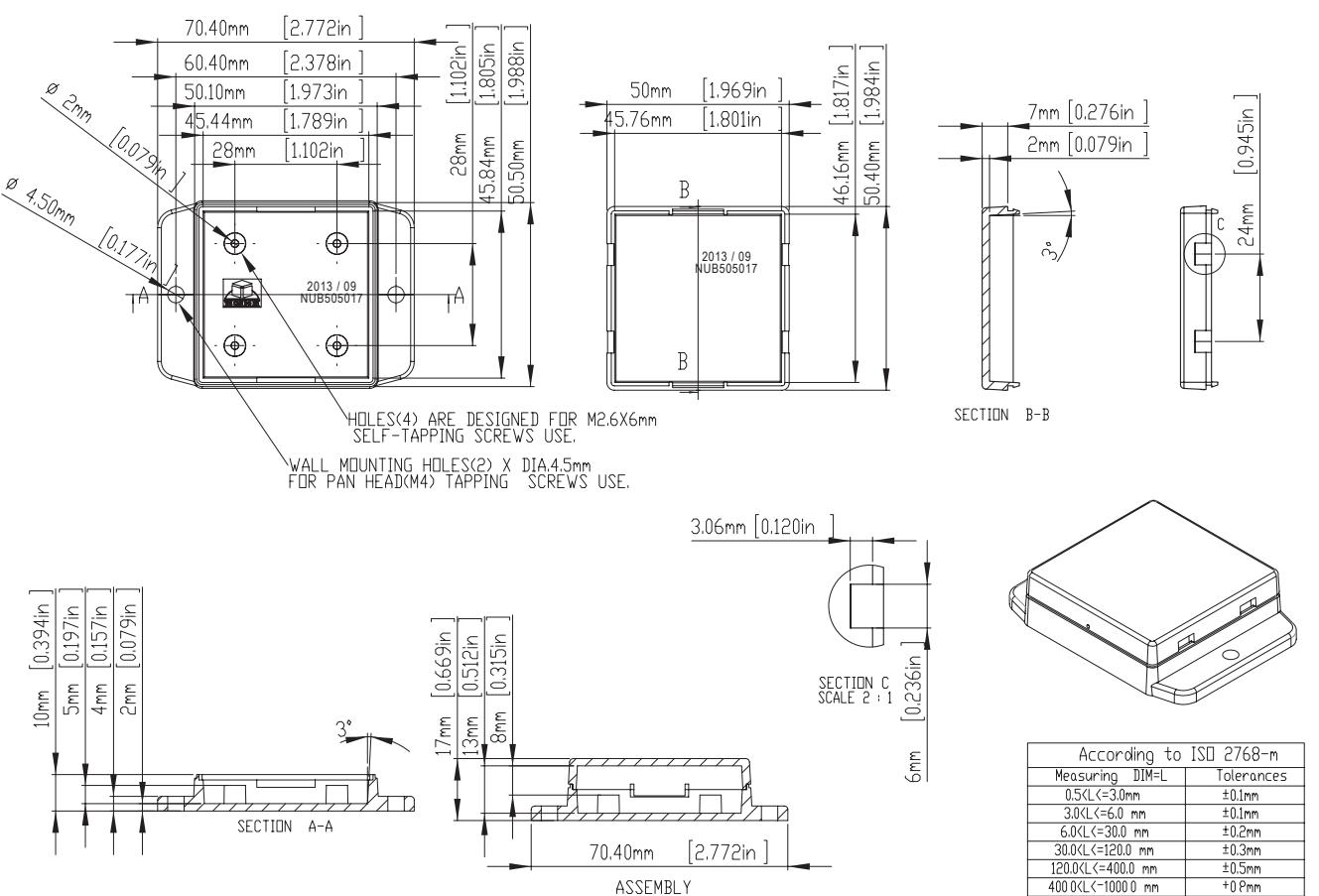


6. Done

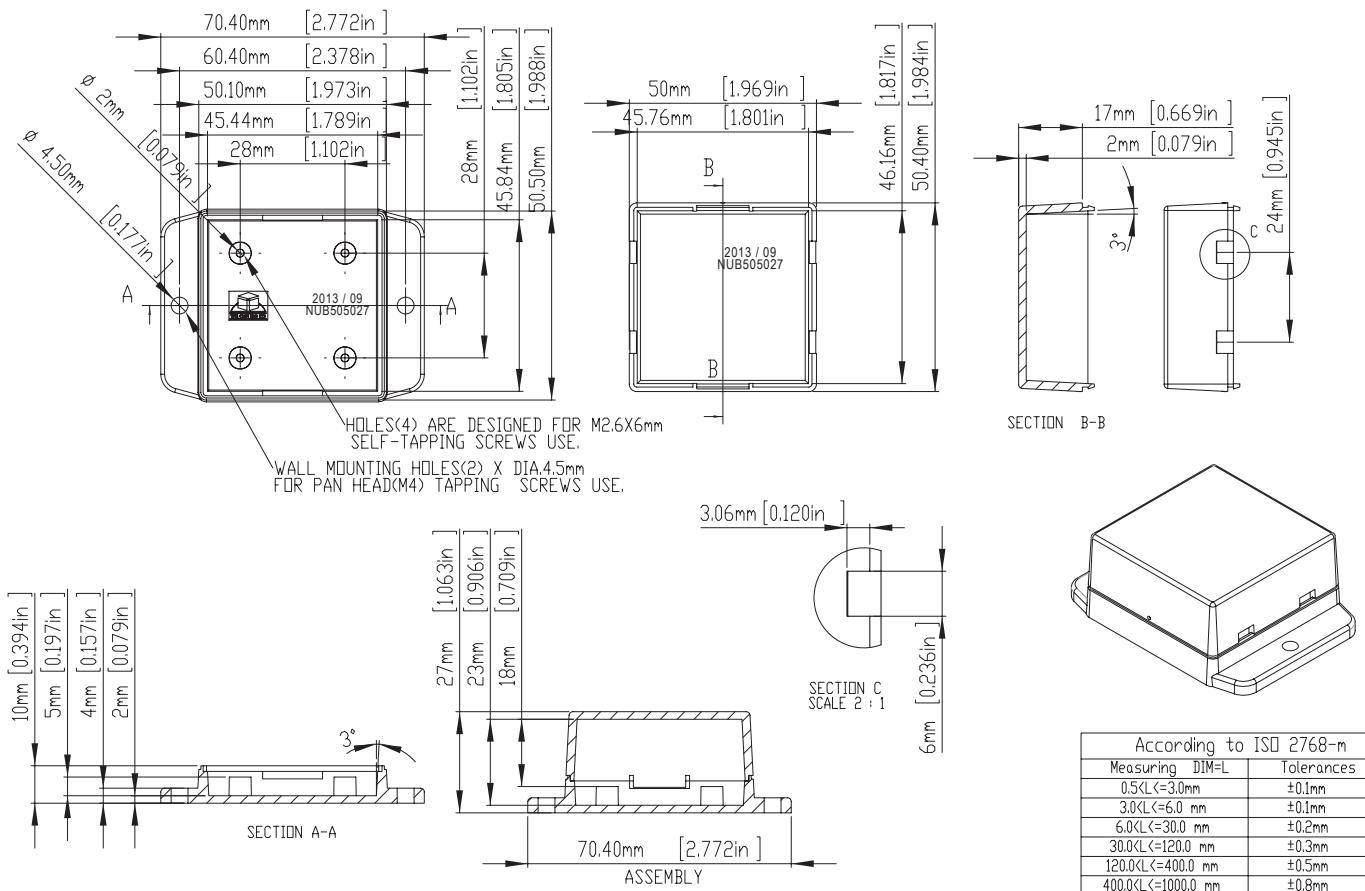
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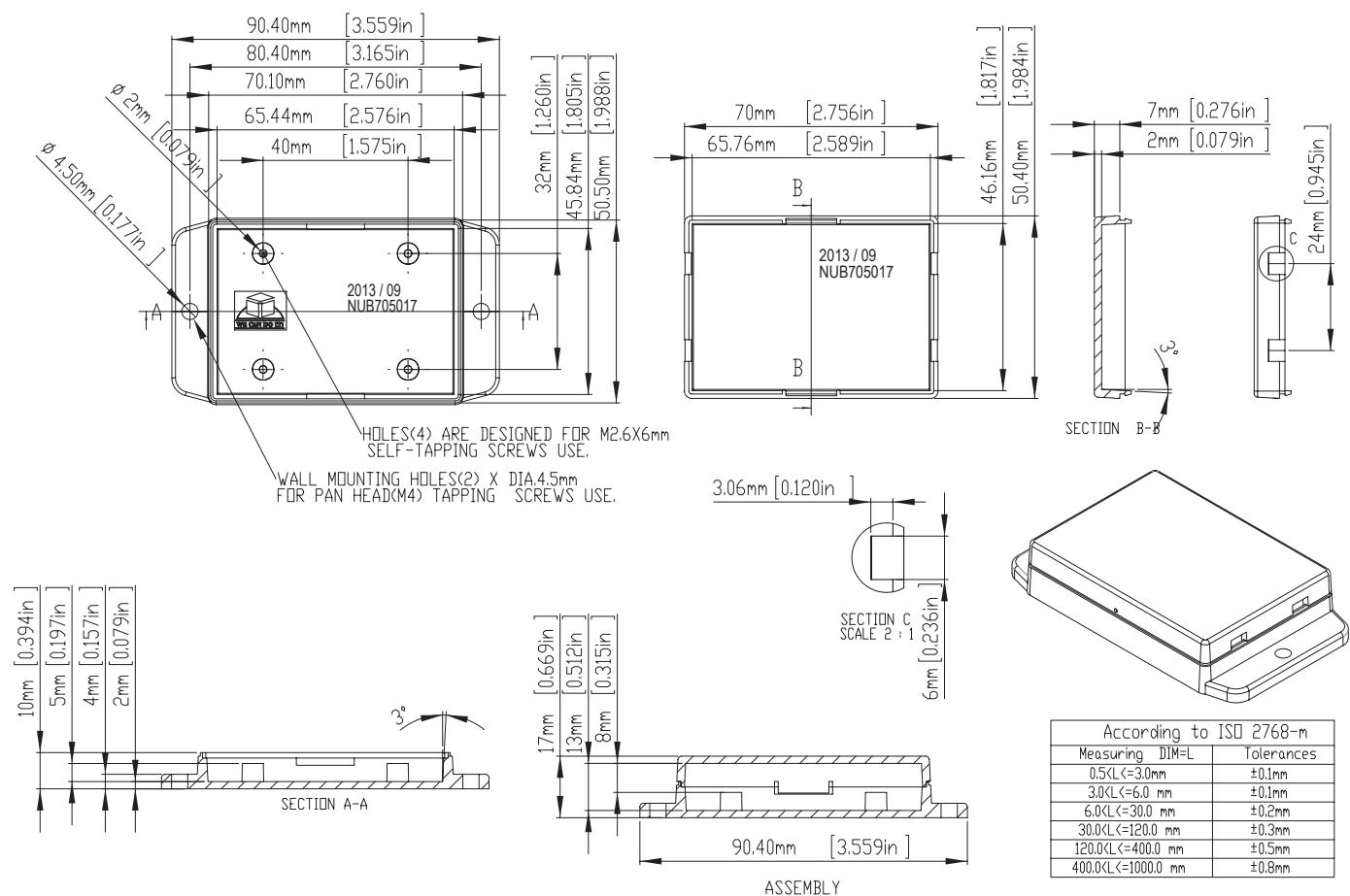
NUB505017BK/NUB505017WH/NUB505017OR/NUB505017RD



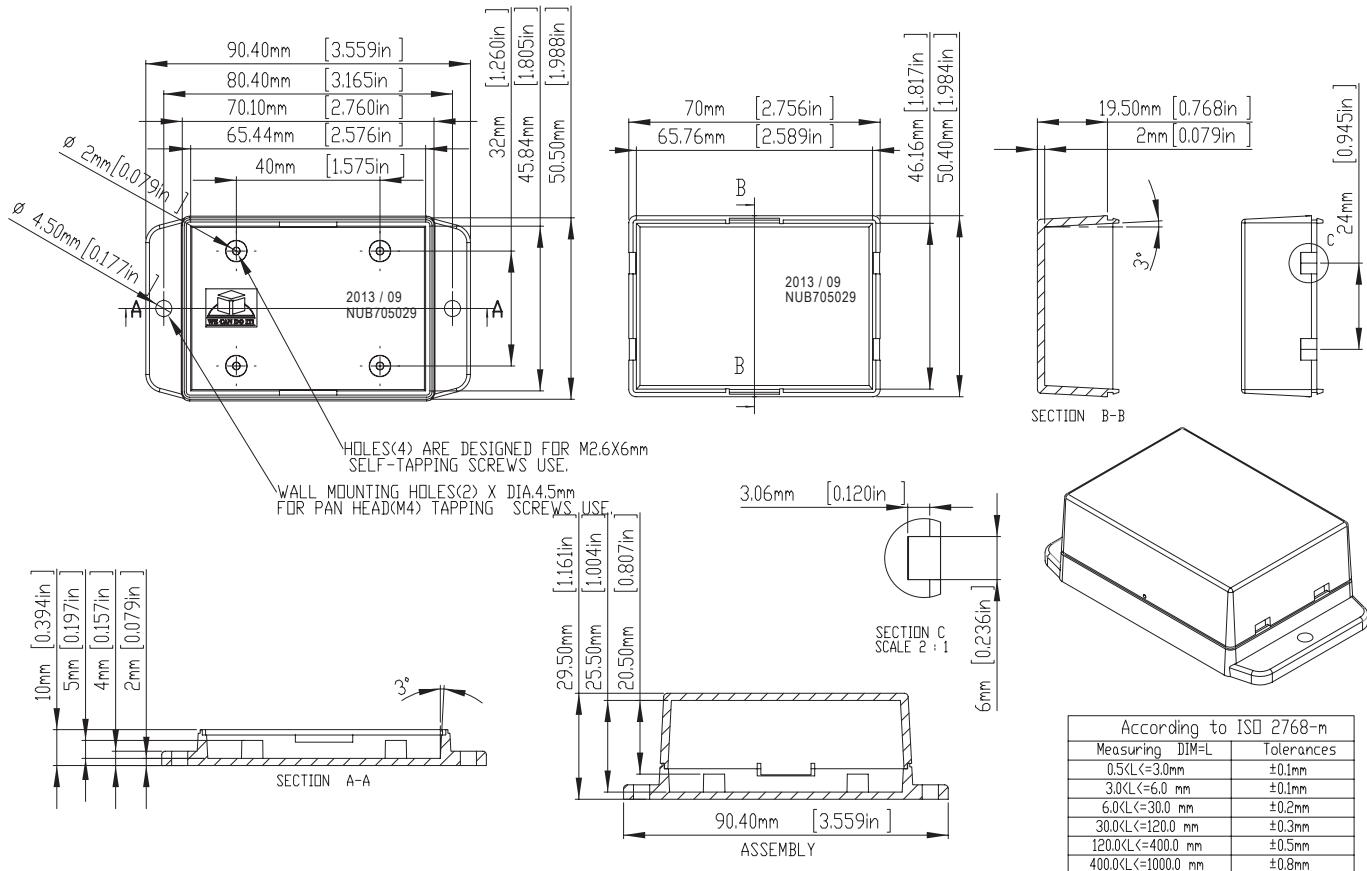
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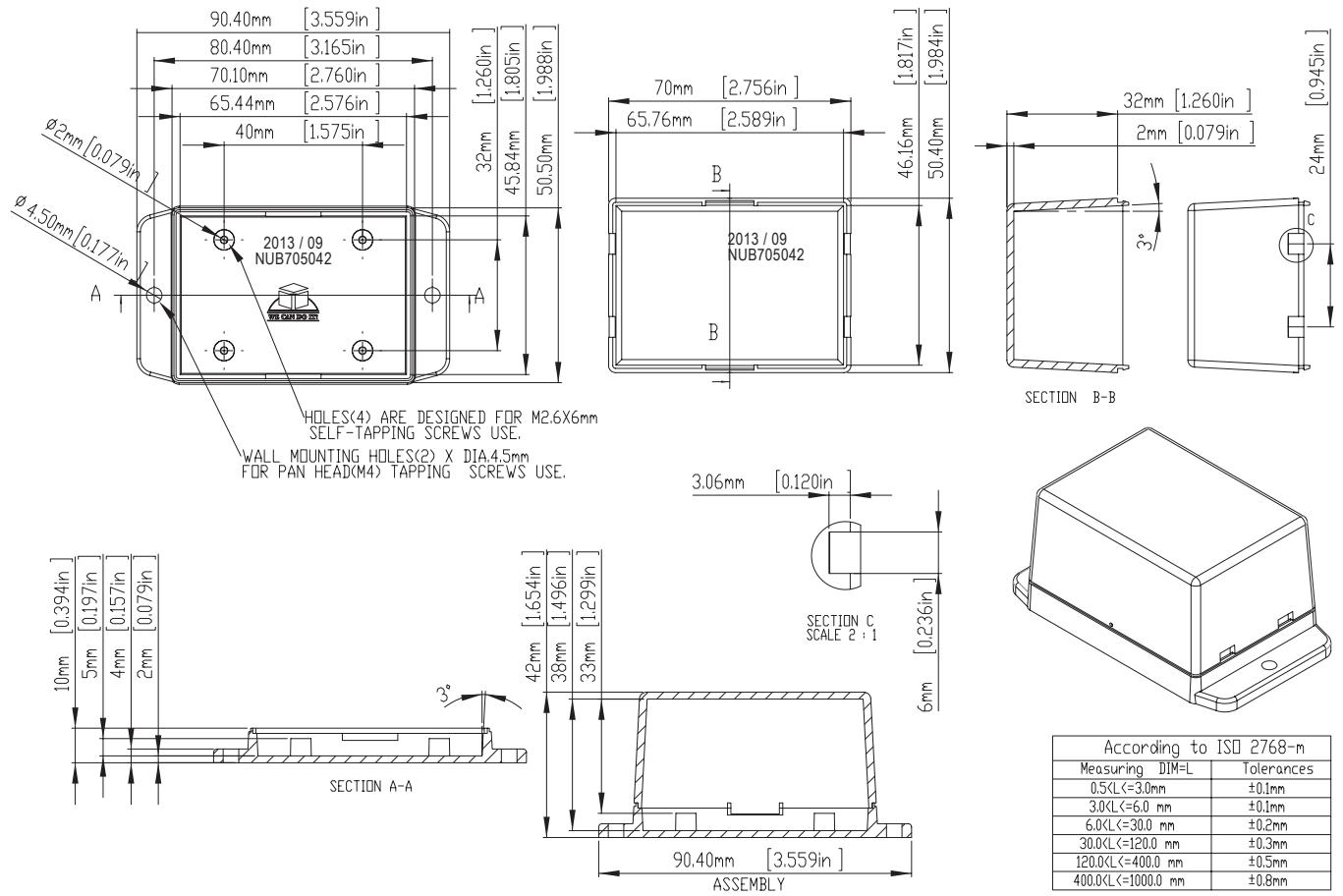
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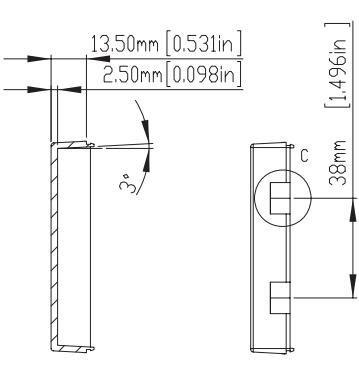
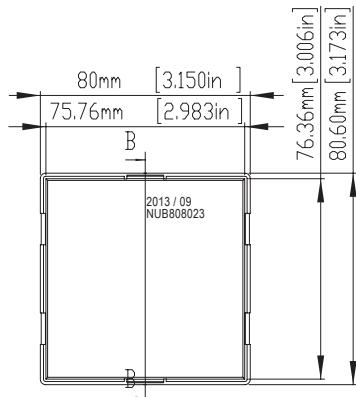
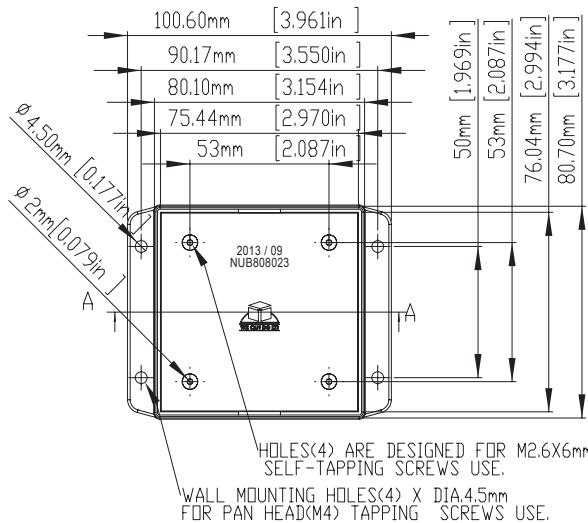
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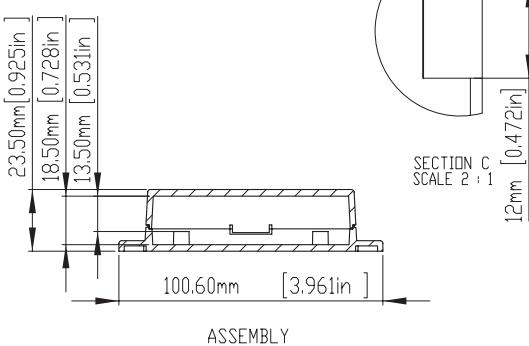
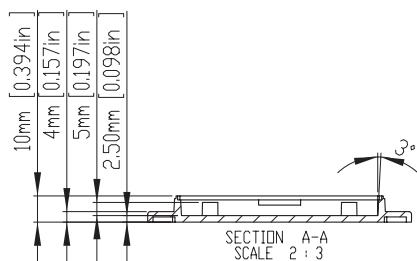
NUB705042BK/NUB705042WH/NUB705042OR/NUB705042RD



NUB808023BK/NUB808023WH/NUB808023OR/NUB808023RD

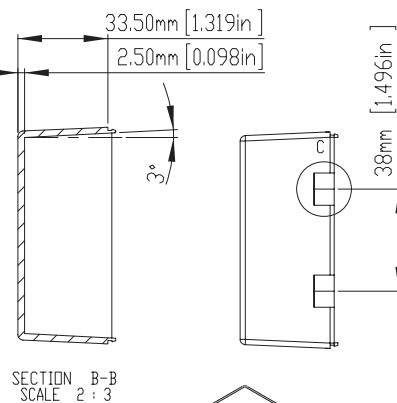
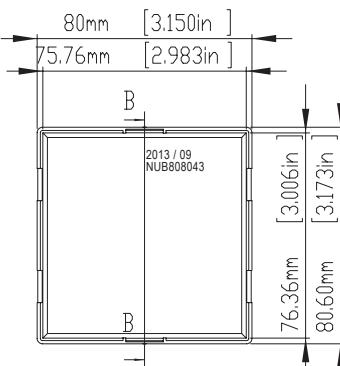
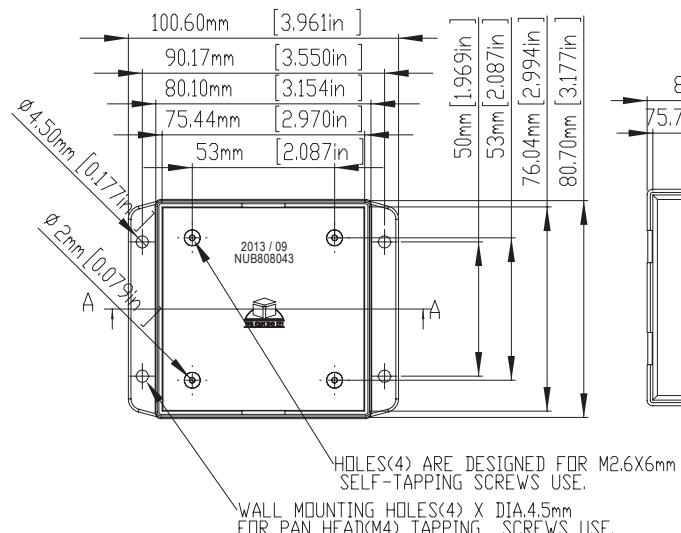


SECTION B-B
SCALE 2 : 3

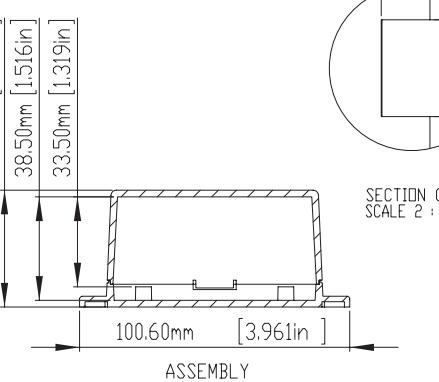
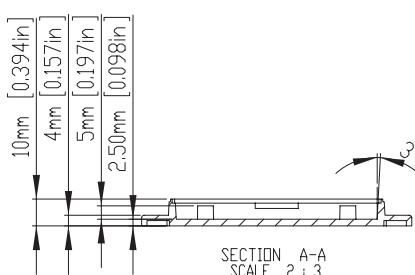


According to ISO 2768-m		
Measuring DIM-L	Tolerances	
0.5KL<=3.0mm	±0.1mm	
3.0KL<=6.0 mm	±0.1mm	
6.0KL<=30.0 mm	±0.2mm	
30.0KL<120.0 mm	±0.3mm	
120.0KL<400.0 mm	±0.5mm	
400.0KL<1000.0 mm	±0.8mm	

NUB808043BK/NUB808043WH/NUB808043OR/NUB808043RD

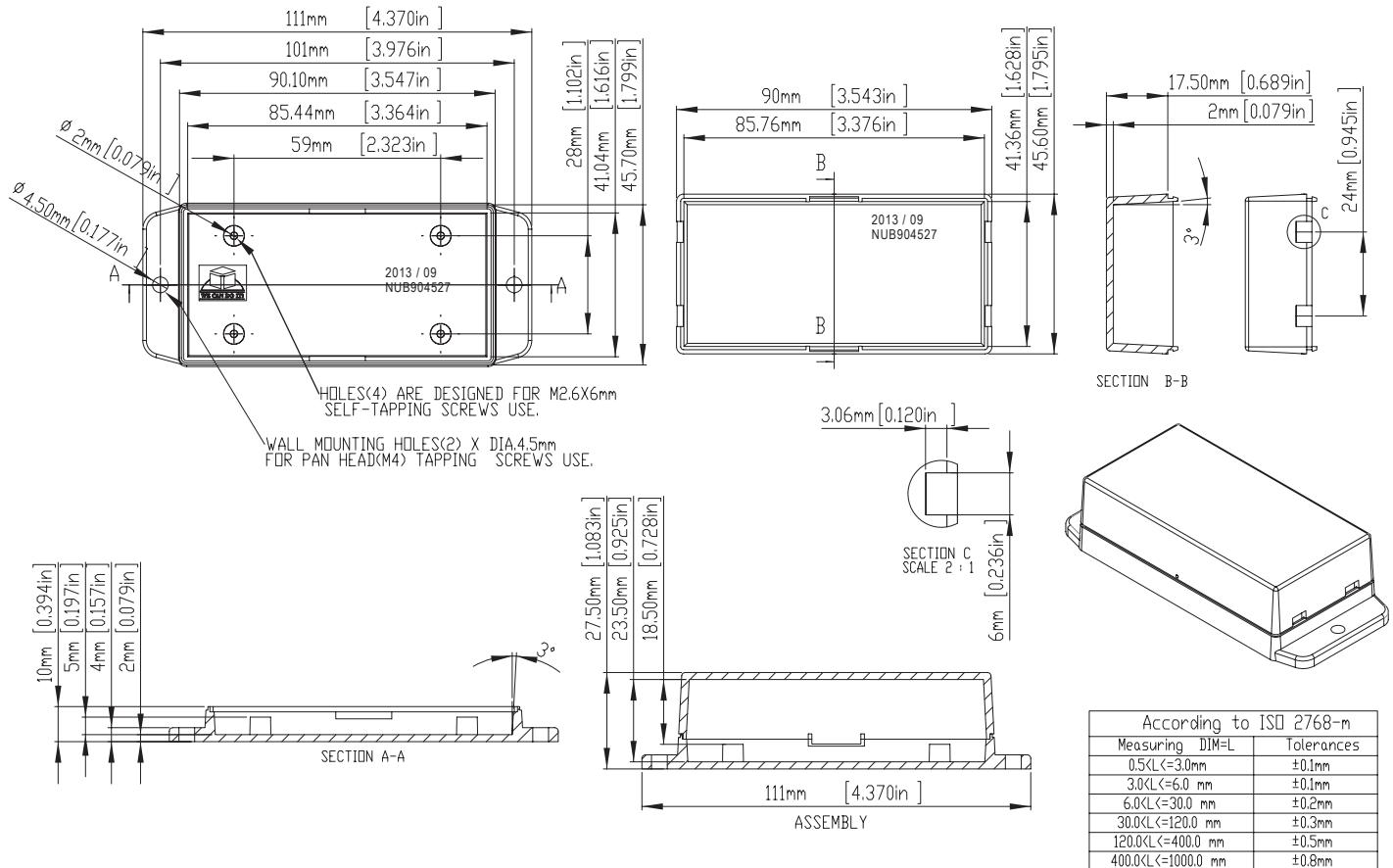


SECTION B-B
SCALE 2 : 3

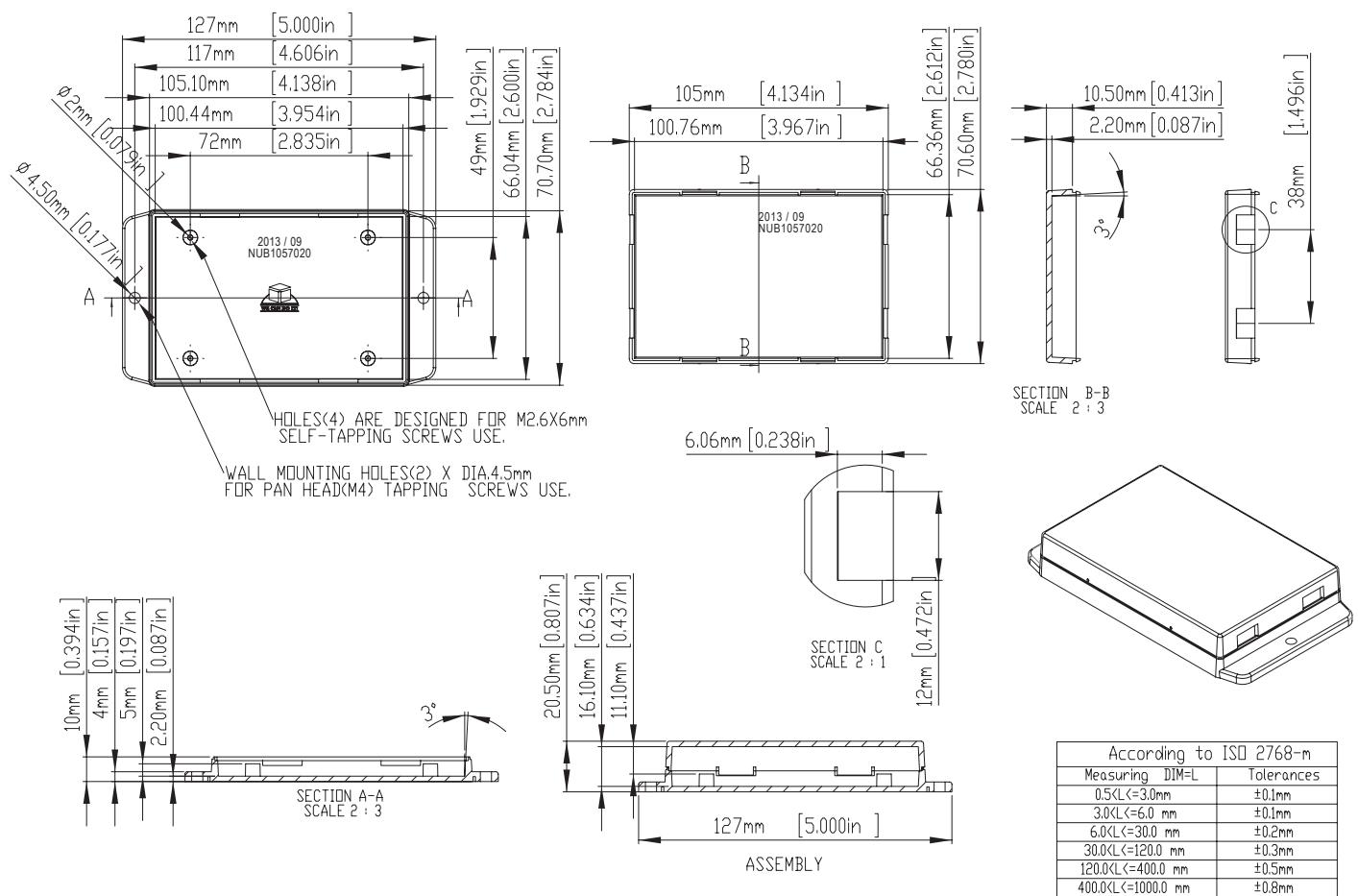


According to ISO 2768-m		
Measuring DIM-L	Tolerances	
0.5KL<=3.0mm	±0.1mm	
3.0KL<=6.0 mm	±0.1mm	
6.0KL<=30.0 mm	±0.2mm	
30.0KL<120.0 mm	±0.3mm	
120.0KL<400.0 mm	±0.5mm	
400.0KL<1000.0 mm	±0.8mm	

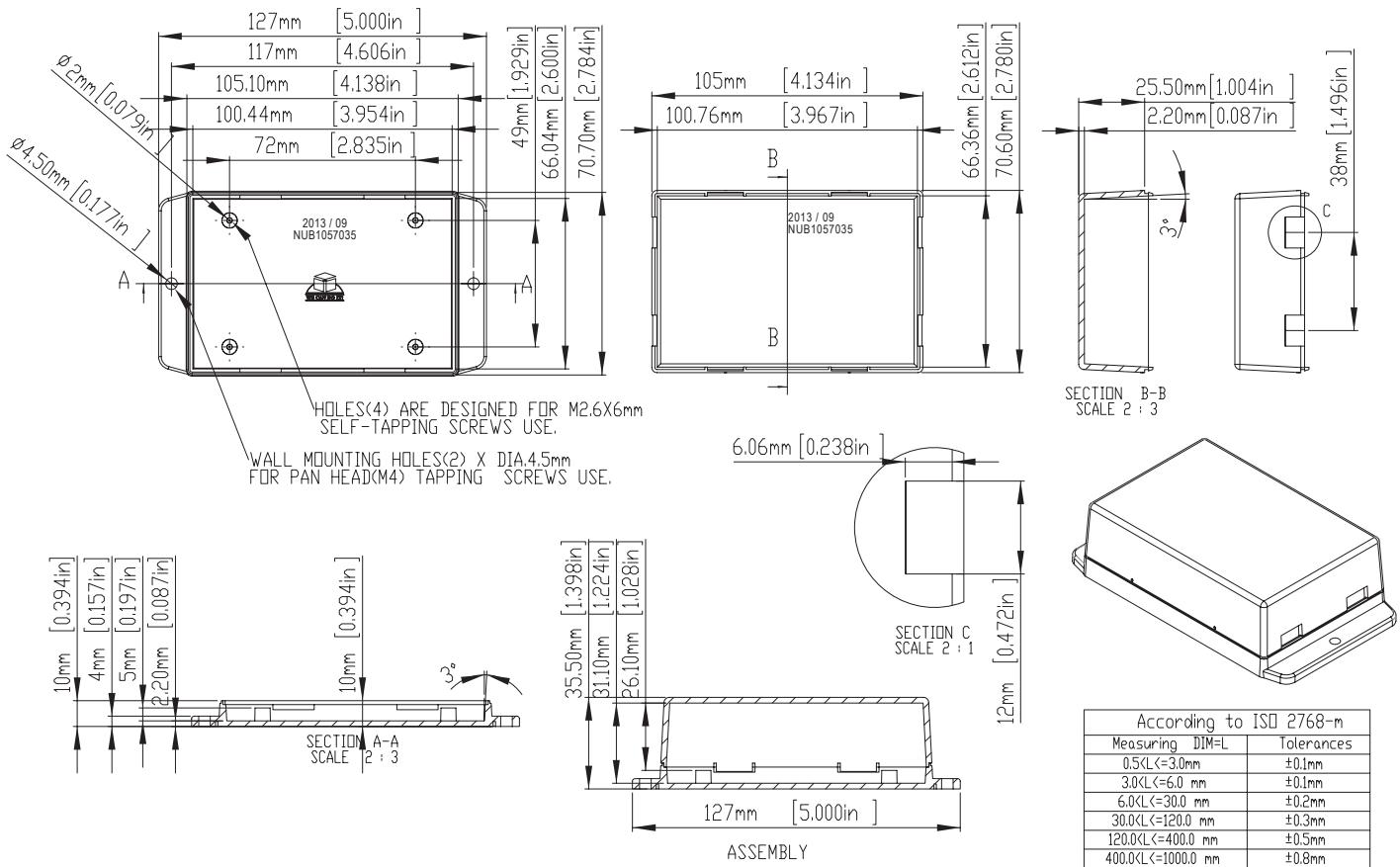
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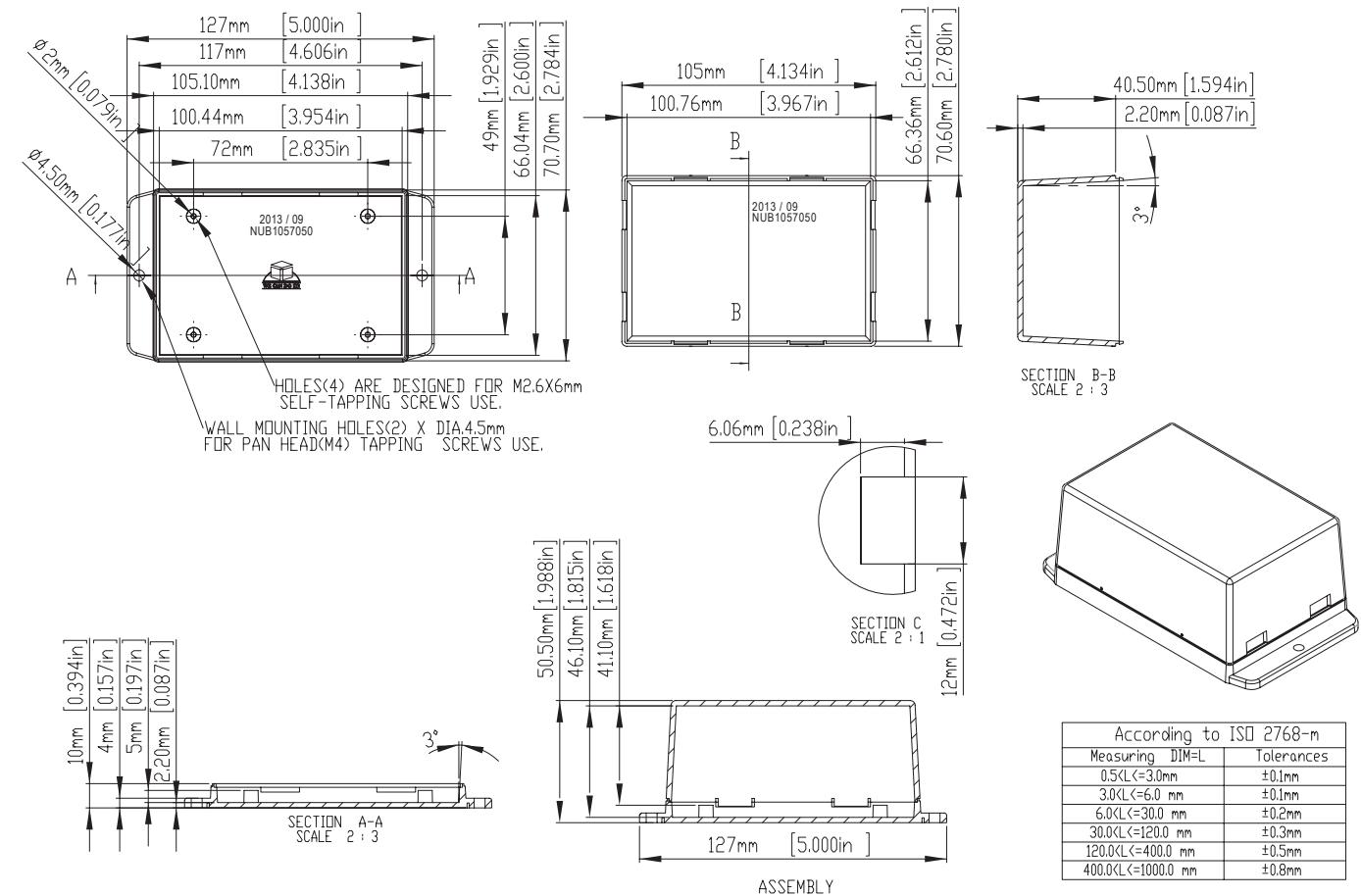
NUB1057020BK/NUB1057020WH/NUB1057020OR/NUB1057020RD



NUB1057035BK/NUB1057035WH/NUB1057035OR/NUB1057035RD



NUB1057050BK/NUB1057050WH/NUB1057050OR/NUB1057050RD



PLASTIC UTILITY ENCLOSURE



PRODUCT INFORMATION

MATERIAL:

- High impact ABS which is flame retardant to both UL94-V0 and UL94-HB.
- Available in White(RAL9002, UL94-V0 of ABS) or Black(RAL9005, UL94-HB of ABS).

FEATURES:

- Ideally design for portable , desktop or wall mounted electronic application.
- Space of the recessed area are designed for 4.3" , 5.7" , 7.0", 8.4" & 10.4" lcd module or touch screen use.
- Lid & base incorporate a tongue and groove sealing design, optional EPDM gasket can be ordered and installed to meet IP65 rating of waterproof and dust.
- Recommended working temperature : -20°C to 80°C.
- Put-on rubber feet are included.



PL2943WH

PL2984BK

PL29XXXWH, PL29XXXBK SERIES

PL29XXXWH SERIES

ITEM No.	COLOR	MATERIAL	EXTERNAL DIMENSION(mm)		
			LENGTH	WIDTH	HEIGHT
PL2943WH	White	ABS, UL94-V0	140	100	30
PL2957WH	White	ABS, UL94-V0	190	150	30
PL2970WH	White	ABS, UL94-V0	221	161.5	30
PL2984WH	White	ABS, UL94-V0	279	206	30
PL29104WH	White	ABS, UL94-V0	322	232	30

External Dimension



PL2943WH

size: 140X100X30MM

PL29XXXBK SERIES

ITEM No.	COLOR	MATERIAL	EXTERNAL DIMENSION(mm)		
			LENGTH	WIDTH	HEIGHT
PL2943BK	Black	ABS, UL94-HB	140	100	30
PL2957BK	Black	ABS, UL94-HB	190	150	30
PL2970BK	Black	ABS, UL94-HB	221	161.5	30
PL2984BK	Black	ABS, UL94-HB	279	206	30
PL29104BK	Black	ABS, UL94-HB	322	232	30

External Dimension



PL2984BK

size: 279X206X30MM

Optional EPDM Gasket

ITEM No.	PRODUCT DESCRIPTION
PL2943GSKT	Φ2.3mm x 510mm EPDM Gasket.
PL2957GSKT	Φ2.3mm x 710mm EPDM Gasket.
PL2970GSKT	Φ2.3mm x 795mm EPDM Gasket.
PL2984GSKT	Φ2.3mm x 1000mm EPDM Gasket.
PL29104GSKT	Φ2.3mm x 1140mm EPDM Gasket.

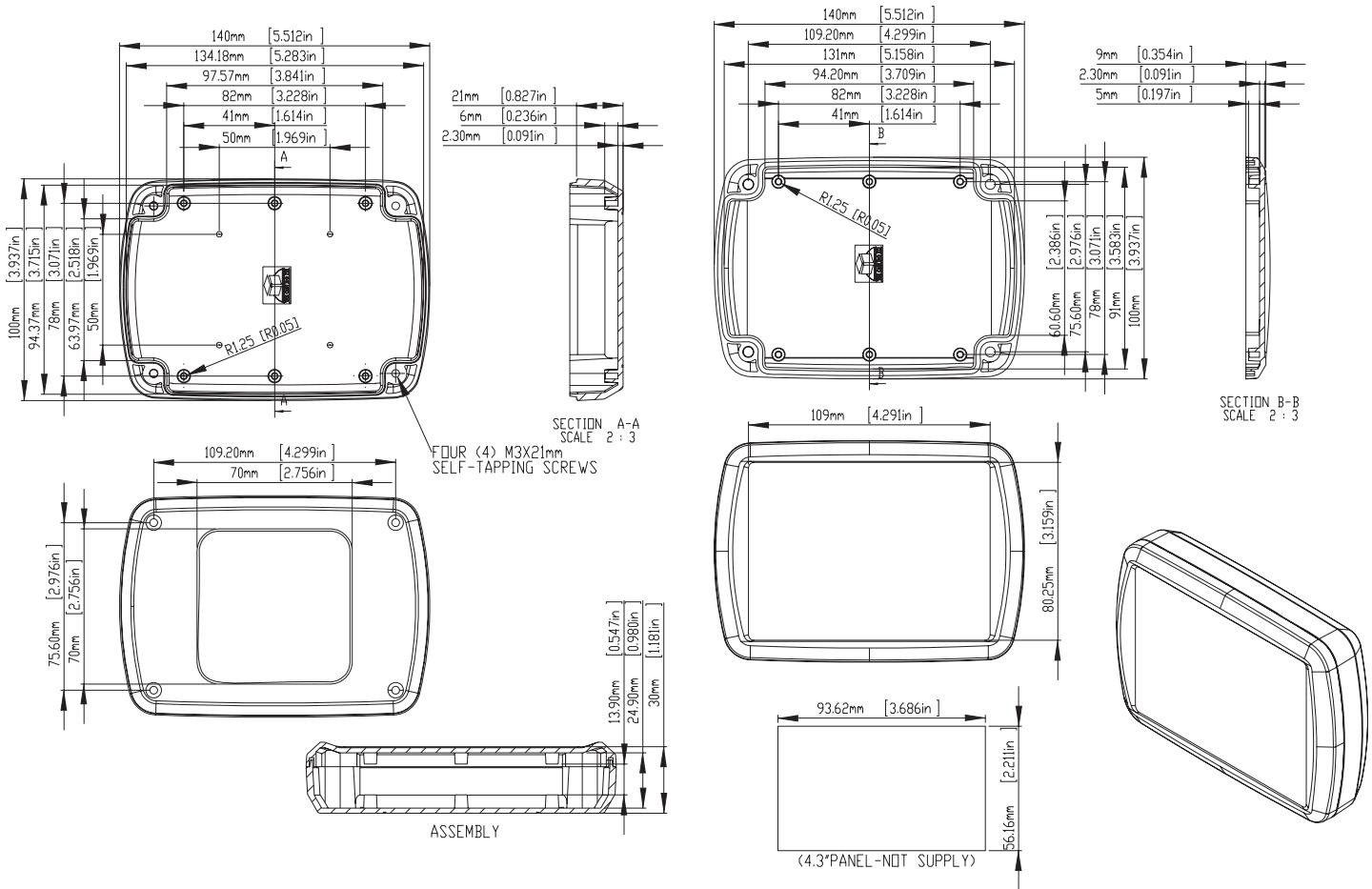
Example EPDM gasket



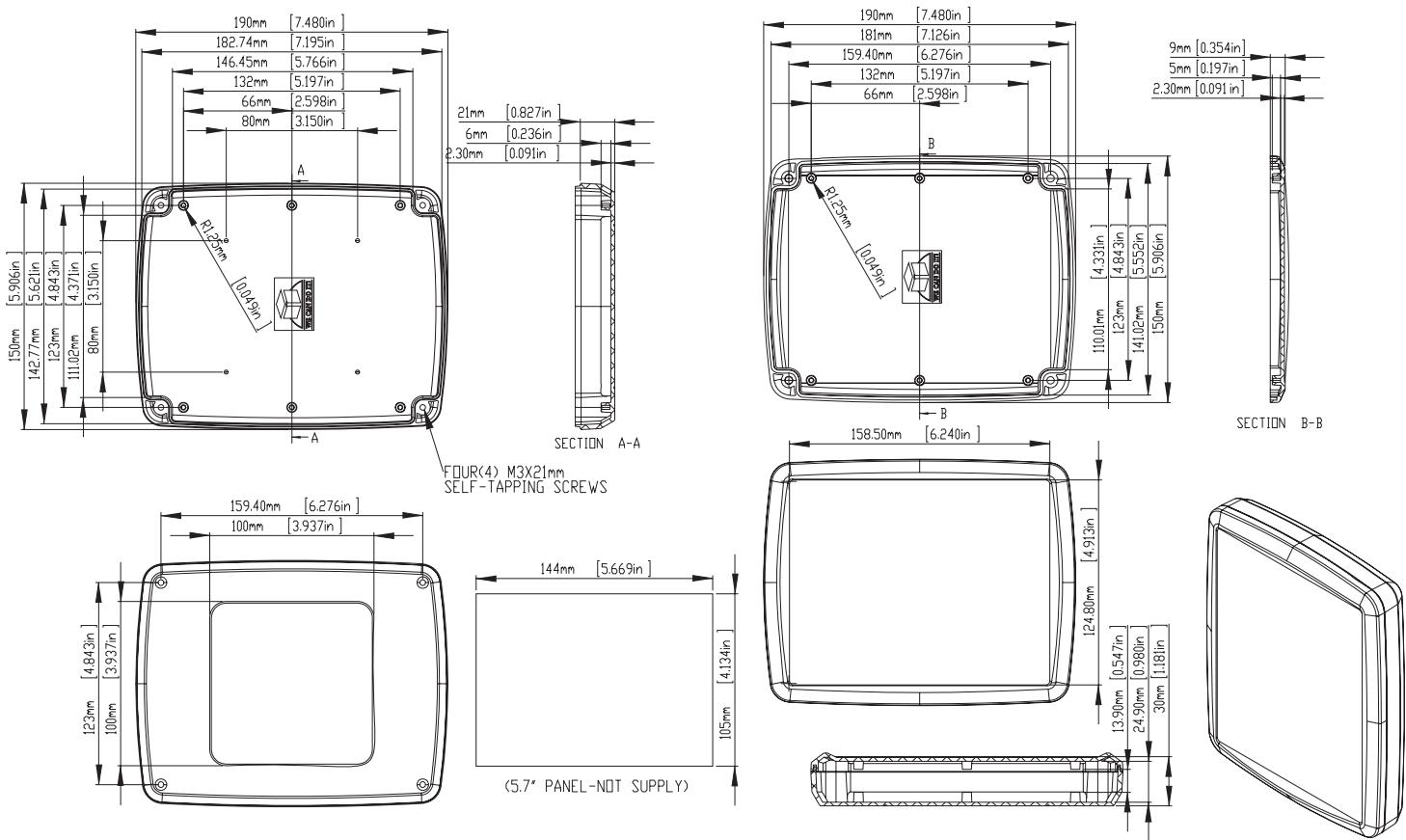
Content



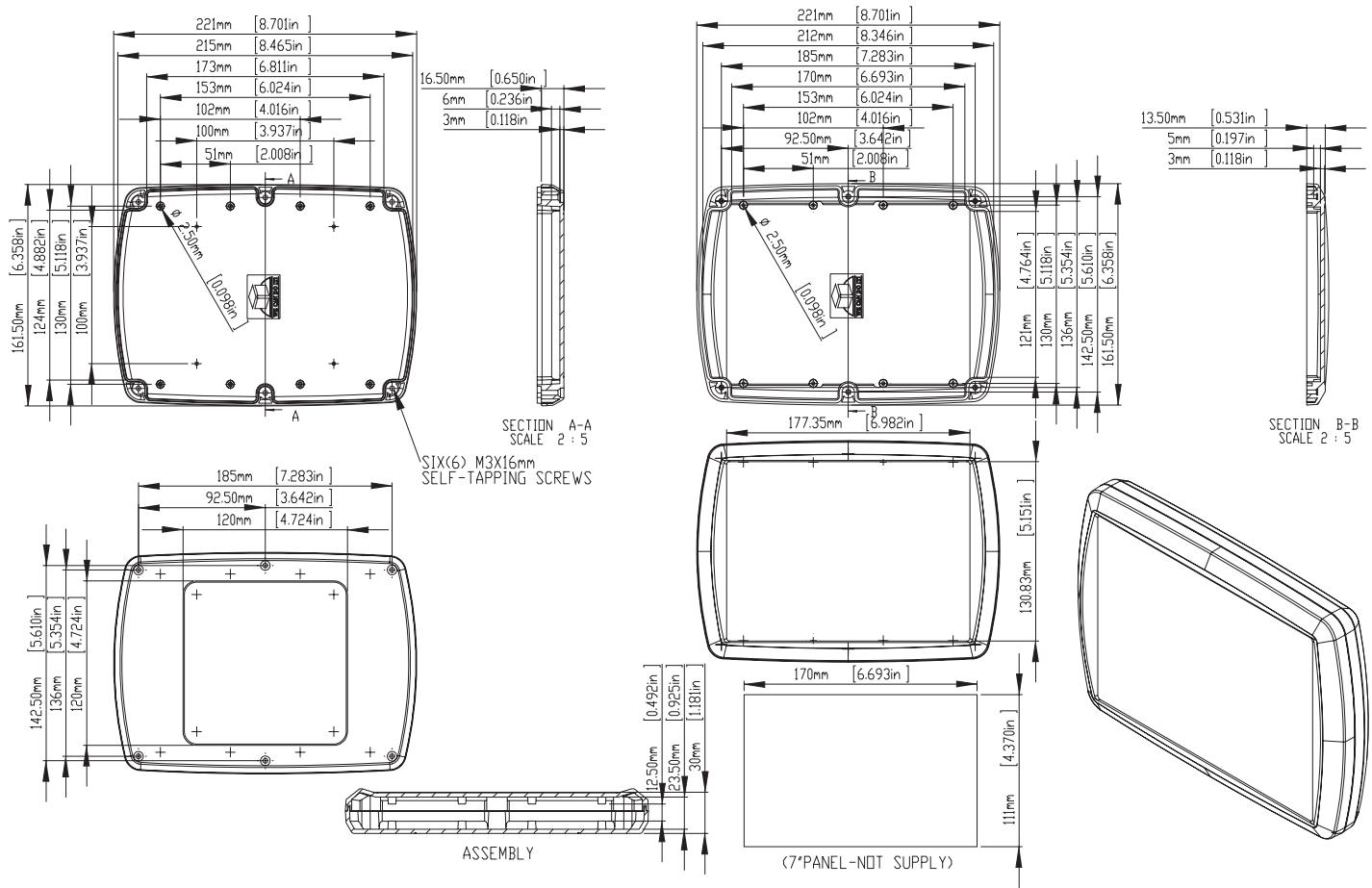
PL2943WH / PL2943BK



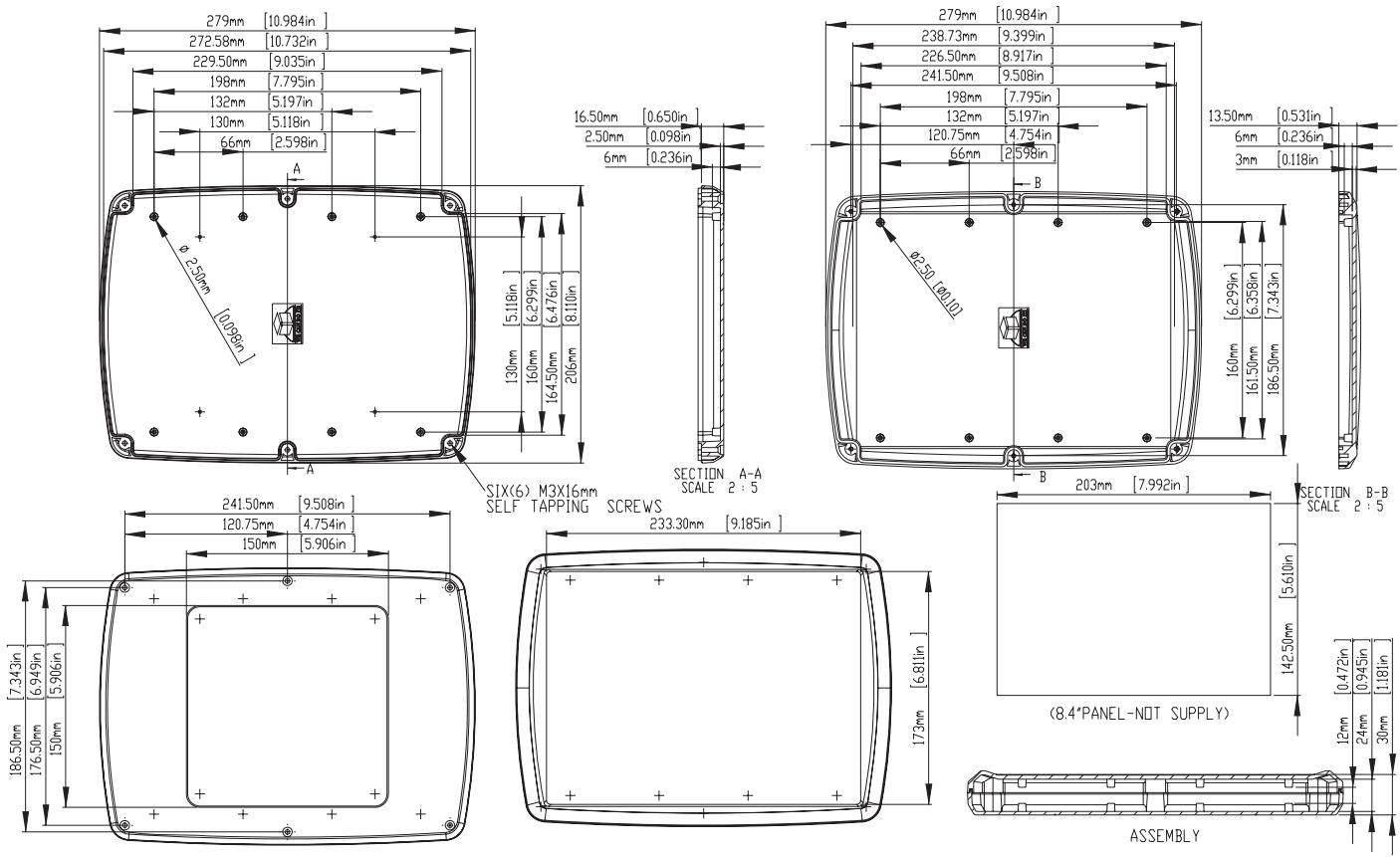
PL2957WH / PL2957BK



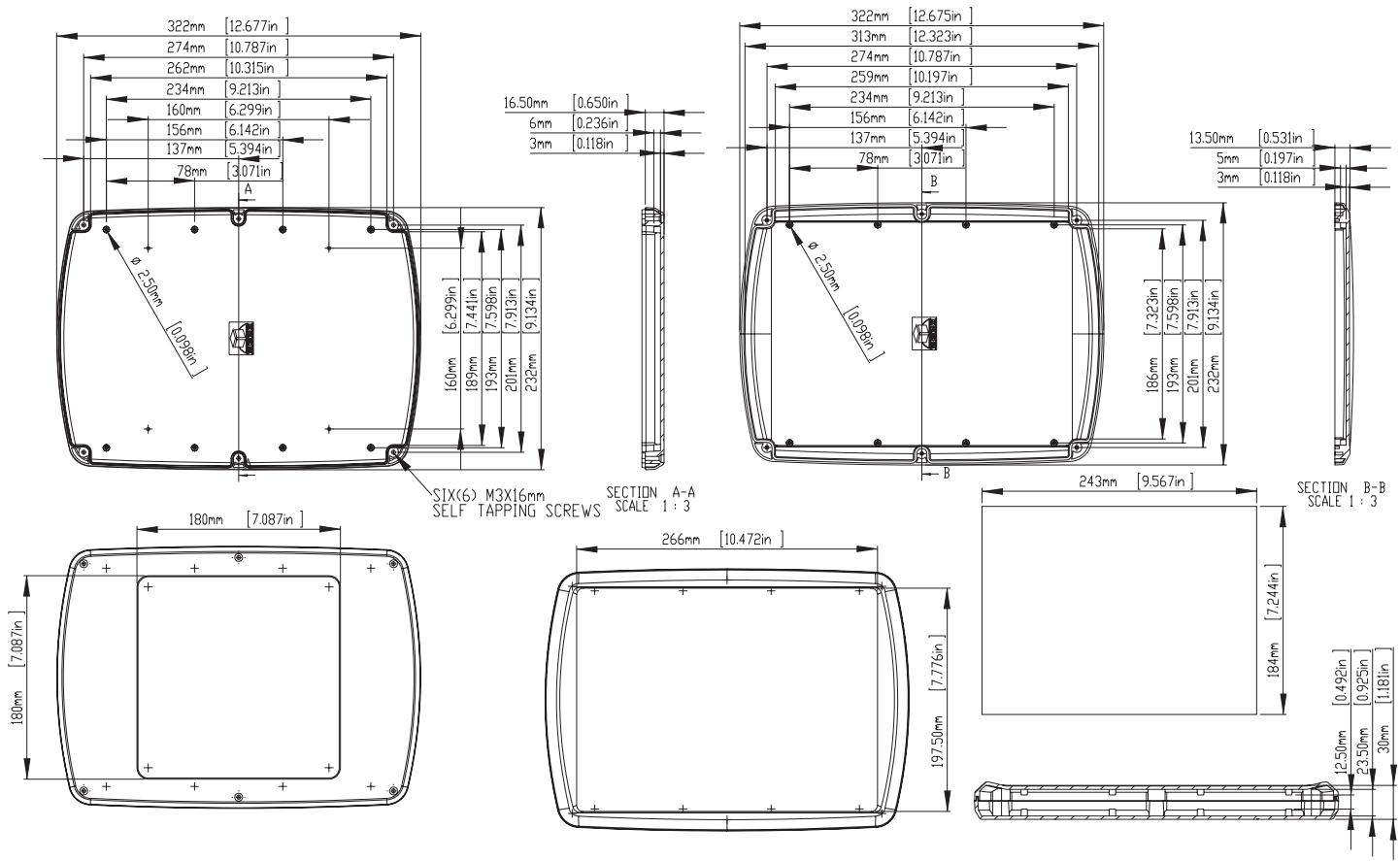
PL2970WH / PL2970BK



PL2984WH / PL2984BK



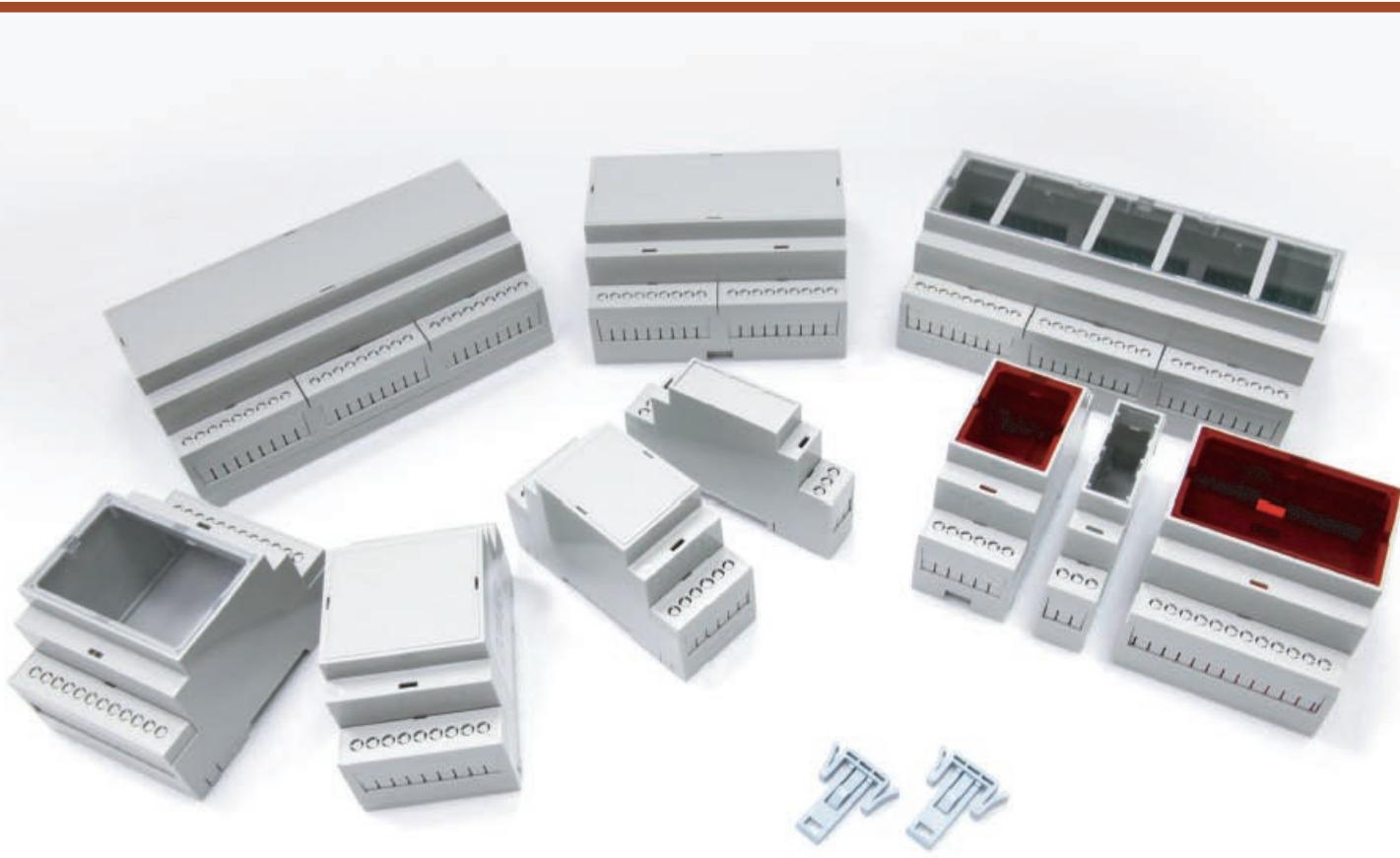
PL29104WH / PL29104BK



According to ISO 2768-m			
Measuring DIM=L	Tolerances	Measuring DIM=L	Tolerances
0.5KL<=3.0mm	±0.1mm	30.0KL<=120.0 mm	±0.3mm
3.0KL<=6.0 mm	±0.1mm	120.0KL<=400.0 mm	±0.5mm
6.0KL<=30.0 mm	±0.2mm	400.0KL<=1000.0 mm	±0.8mm

DIN SERIES

DINRAIL / MODULE BOX



PRODUCT INFORMATION

MATERIAL:

- High impact Polycarbonate/ABS UL94-V0, grey.

FEATURES:

- DIN rail module boxes supplied in a range of 6 different sizes (1M, 2M ,3M, 4M ,6M & 9M).
- Designed to incorporate DIN EN60715 Rail.
- Easy assembly snap fit construction.
- Snap fit terminal covers available in either transparent or IR Red polycarbonate UL94-V0.
- Available with snap fit grey guards.

Content D4MG



ITEM No.	PRODUCT DESCRIPTION	COLOR	EXTERNAL DIMENSION(mm)
D1MG	DIN-RAIL MODULE BOX , 1MG	Grey	18.1 X 90.2 X 57.5
D2MG	DIN-RAIL MODULE BOX , 2MG	Grey	36.3 X 90.2 X 57.5
D3MG	DIN-RAIL MODULE BOX , 3MG	Grey	53.3 X 90.2 X 57.5
D4MG	DIN-RAIL MODULE BOX , 4MG	Grey	71 X 90.2 X 57.5
D6MG	DIN-RAIL MODULE BOX , 6MG	Grey	106.25 X 90.2 X 57.5
D9MG	DIN-RAIL MODULE BOX , 9MG	Grey	159.5 X 90.2 X 57.5

COVER(Transparent & Infra red cover), WALL CLIP

COVER (Transparent & Infra red cover)



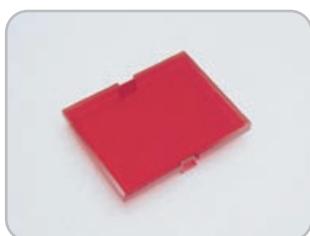
Infra red cover



Transparent cover

ITEM No.	PRODUCT DESCRIPTION	MATERIAL	EXTERNAL DIMENSION(mm)
D1MG-COVER-C	Transparent cover for D1MG use	PC-V0	42 x 14 x 1.9
D1MG-COVER-IR	Infra red cover for D1MG use	PC-V0	42 x 14 x 1.9
D2MG-COVER-C	Transparent cover for D2MG use	PC-V0	42 x 32.1 x 2.5
D2MG-COVER-IR	Infra red cover for D2MG use	PC-V0	42 x 32.1 x 2.5
D3MG-COVER-C	Transparent cover for D3MG use	PC-V0	42 x 49 x 2.5
D3MG-COVER-IR	Infra red cover for D3MG use	PC-V0	42 x 49 x 2.5
D4MG-COVER-C	Transparent cover for D4MG use	PC-V0	42 x 66.8 x 2.5
D4MG-COVER-IR	Infra red cover for D4MG use	PC-V0	42 x 66.8 x 2.5
D6MG-COVER-C	Transparent cover for D6MG use	PC-V0	42 x 102.1 x 2.5
D6MG-COVER-IR	Infra red cover for D6MG use	PC-V0	42 x 102.1 x 2.5
D9MG-COVER-C	Transparent cover for D9MG use	PC-V0	42 x 155.4 x 2.5
D9MG-COVER-IR	Infra red cover for D9MG use	PC-V0	42 x 155.4 x 2.5

Example:



D2MG-COVER-IR



D2MG
with D2MG-COVER-IR



D9MG-COVER-C



D9MG
with D9MG-COVER-C

WALL CLIP

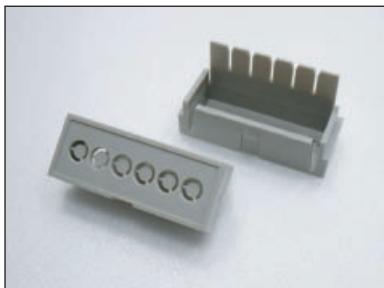
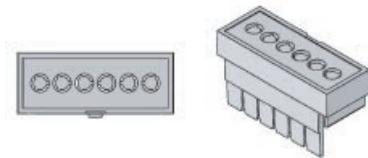
Example:



ITEM No.	PRODUCT DESCRIPTION
DXMG-WALL CLIP	Wall clip for DIN-Rail module box use

Guard (Perforated, Solid and Pre-drilled)

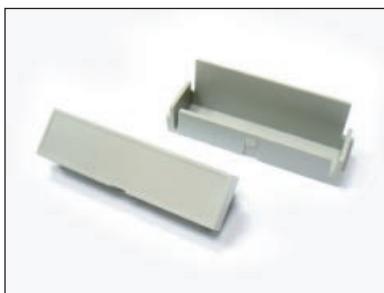
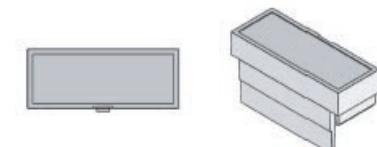
GUARD



D2MG-GUARD
(Perforated)

TYPE A : Perforated

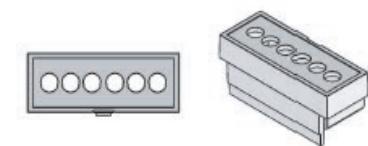
ITEM No.	TYPE	PRODUCT DESCRIPTION	SALES PACKAGE
D1MG-GUARD	Perforated	For D1MG use	2pcs/bag
D2MG-GUARD	Perforated	For D2MG use	2pcs/bag
D4MG-GUARD	Perforated	For D4MG use	2pcs/bag
D3MG/D6MG/D9MG-GUARD	Perforated	For D3MG/D6MG/D9MG use	2pcs/bag



D3MG/D6MG/D9MG-GUARD-NO
(Solid)

TYPE B : Solid

ITEM No.	TYPE	PRODUCT DESCRIPTION	SALES PACKAGE
D1MG-GUARD-NO	Solid	For D1MG use	2pcs/bag
D2MG-GUARD-NO	Solid	For D2MG use	2pcs/bag
D4MG-GUARD-NO	Solid	For D4MG use	2pcs/bag
D3MG/D6MG/D9MG-GUARD-NO	Solid	For D3MG/D6MG/D9MG use	2pcs/bag



D1MG-GUARD-HH
(Pre-drilled)

TYPE C : Pre-drilled

ITEM No.	TYPE	PRODUCT DESCRIPTION	SALES PACKAGE
D1MG-GUARD-HH	Pre-drilled	For D1MG use	2pcs/bag
D2MG-GUARD-HH	Pre-drilled	For D2MG use	2pcs/bag
D4MG-GUARD-HH	Pre-drilled	For D4MG use	2pcs/bag
D3MG/D6MG/D9MG-GUARD-HH	Pre-drilled	For D3MG/D6MG/D9MG use	2pcs/bag

Example

Example (Sales Package)



D6MG
(with D3/D6/D9MG-GUARD)

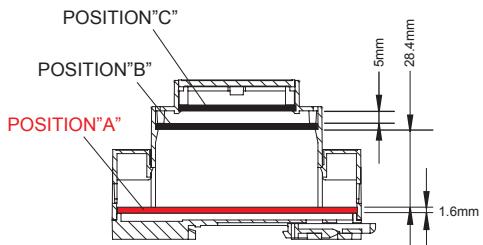
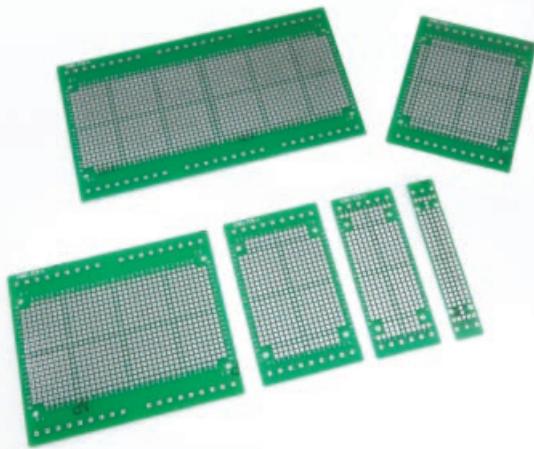
D6MG
(with D3/D6/D9MG-GUARD-NO)

D1MG
(with D1MG-GUARD-HH)

(2pcs/bag)

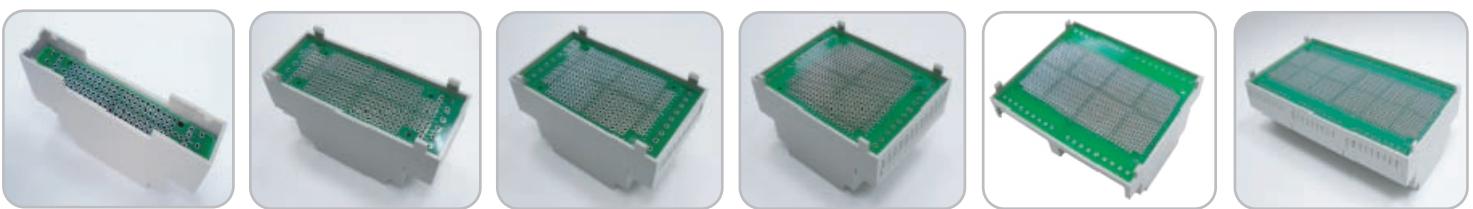
PCB and Terminal Block

PCB of position " A" for DXMG use

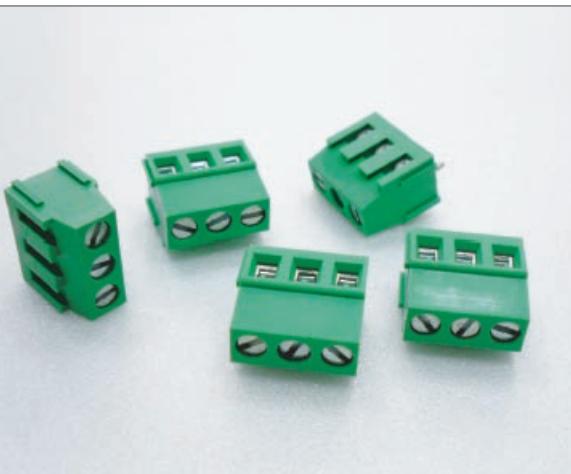


ITEM No.	EXTERNAL DIMENSION(mm)		
	LENGTH	WIDTH	HEIGHT
D1MG-PCB-A	14.3	86.9	1.6
D2MG-PCB-A	32.8	86.9	1.6
D3MG-PCB-A	50	86.9	1.6
D4MG-PCB-A	67.8	86.9	1.6
D6MG-PCB-A	102.8	86.9	1.6
D9MG-PCB-A	156.2	86.9	1.6

Example:

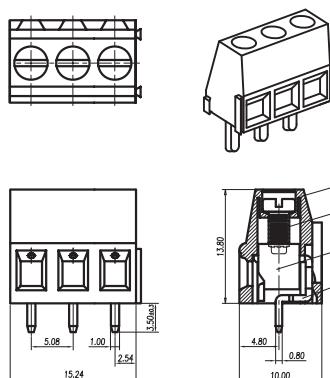


3WAY of terminal block for DXMG use

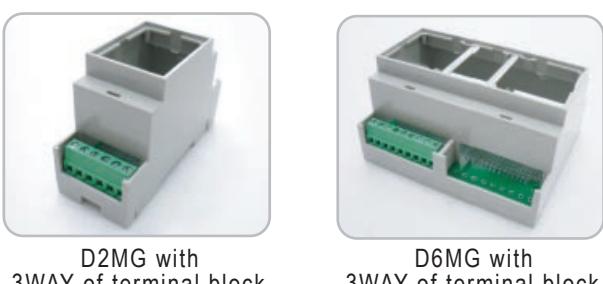


ITEM No.	PRODUCT DESCRIPTION
DXMG-3WAY	3WAY of terminal block for D2MG/D3MG/D4MG/D6MG /D9MG use

DXMG-3WAY DRAWING:



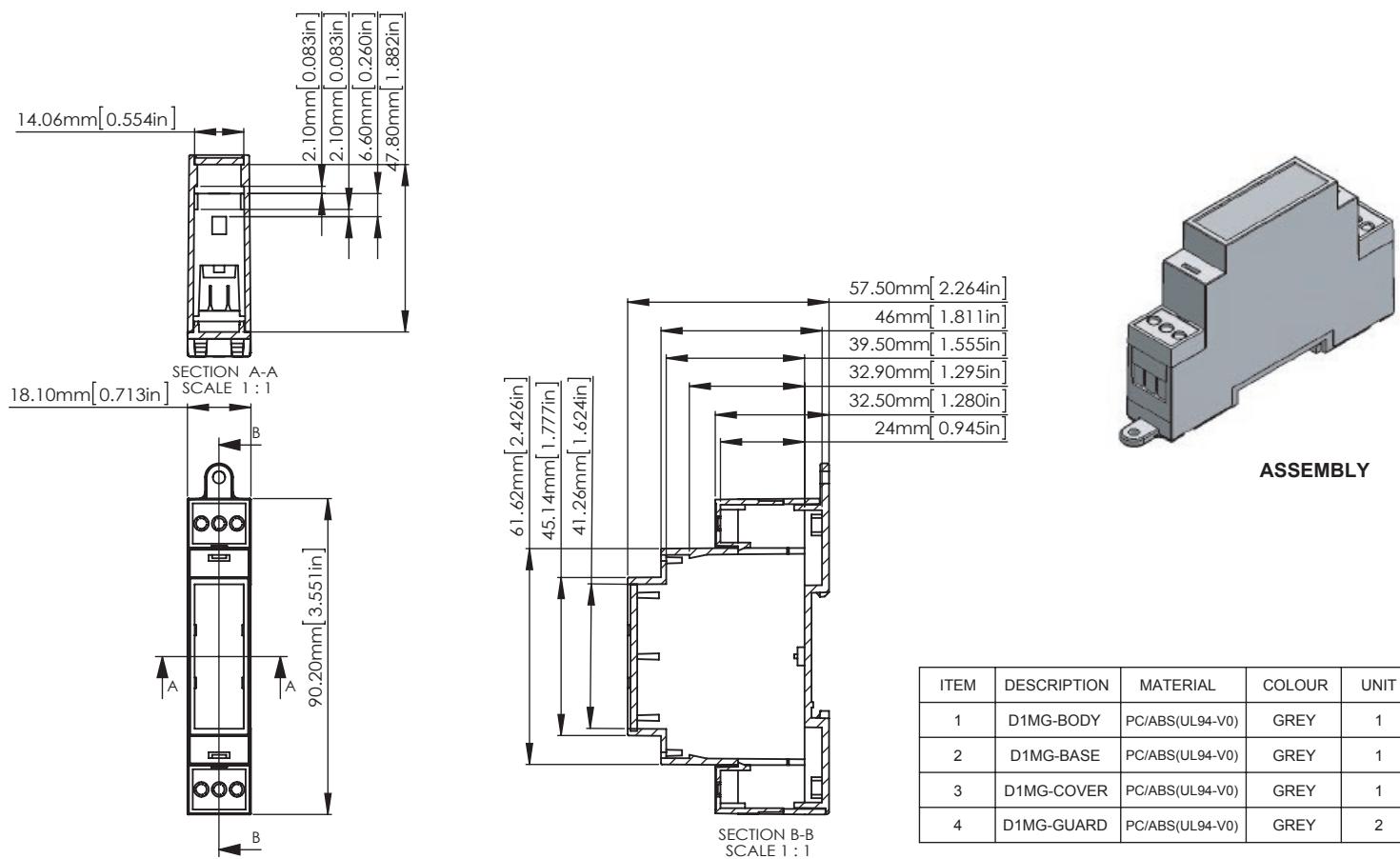
Example:



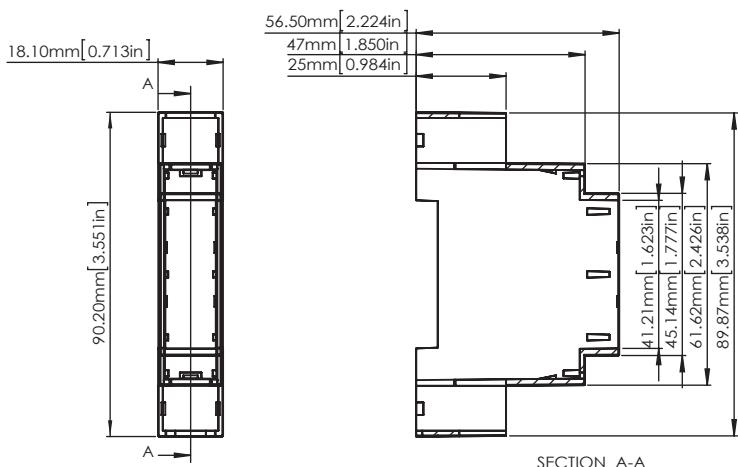
NOTES:

- Rating: 300V 20A (IEC 250V 24A)
PITCH: 5.08mm
- Insulation Withstands Voltage: AC 2000V at 1 minute
- Insulation Resistance: 500M Ω or more at DC500V
- Using Temperature Range: -40°C ~ +105°C
- Suitable Electric Wire: 24~12AWG(IEC 0.5~2.5mm²)
- Torque Value: 4 kg·cm
- RoHS compliance

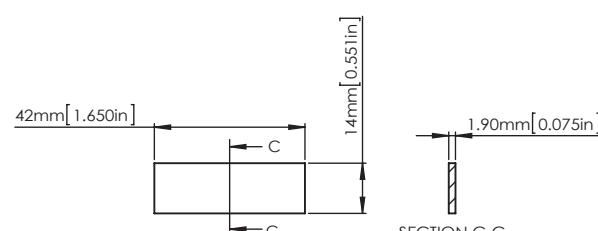
D1MG



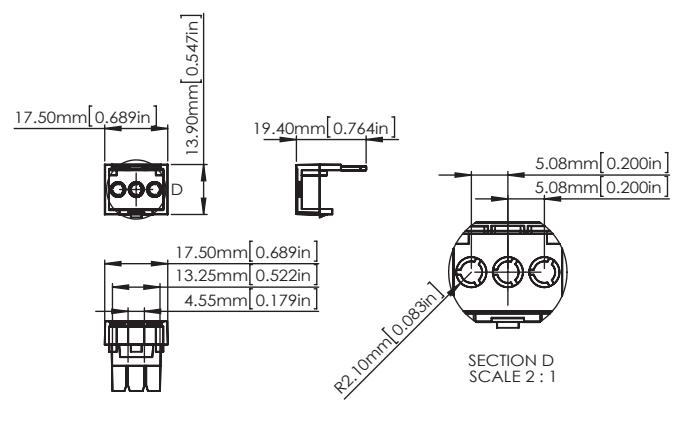
D1MG-BODY



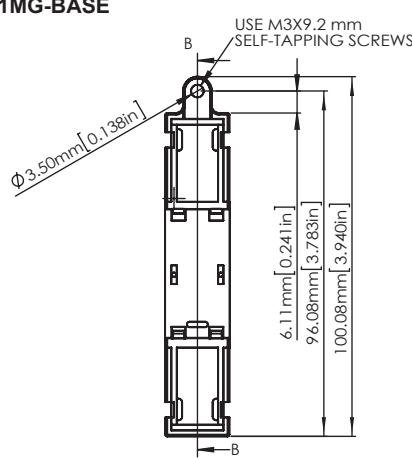
D1MG-COVER



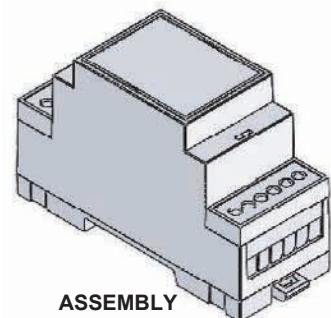
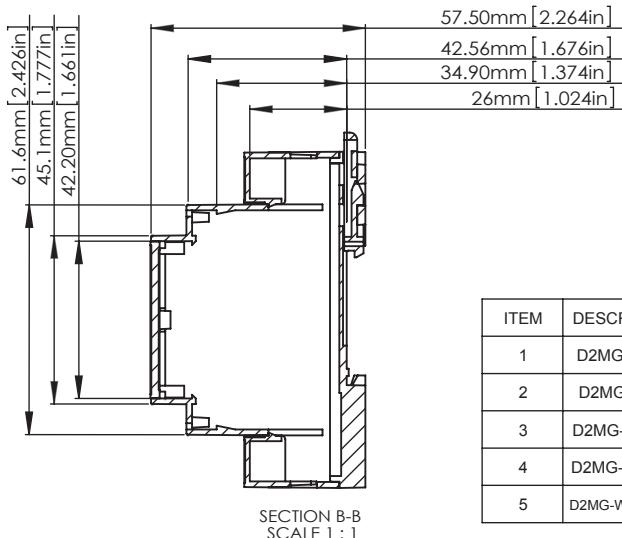
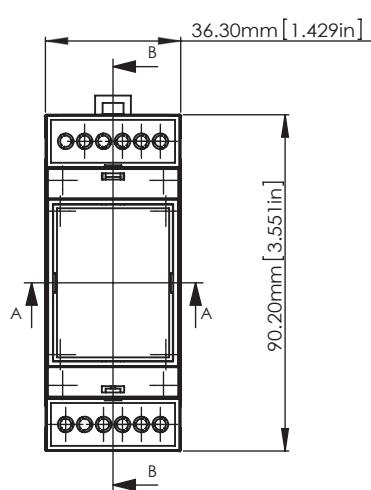
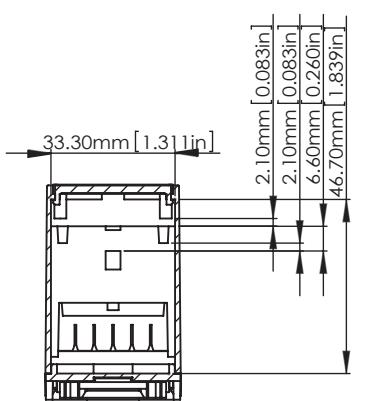
D1MG-GUARD



D1MG-BASE

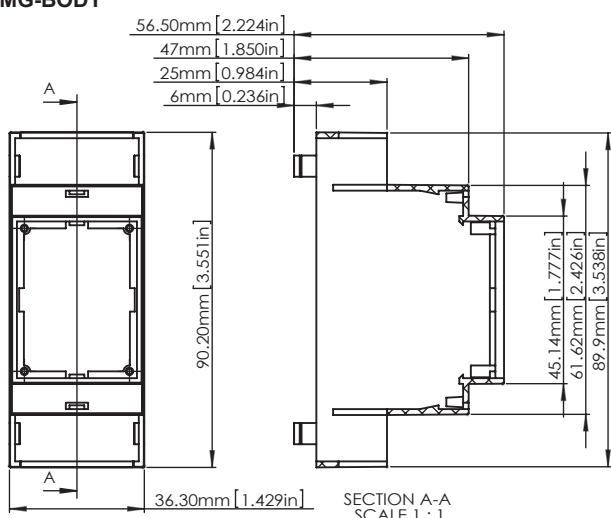


D2MG

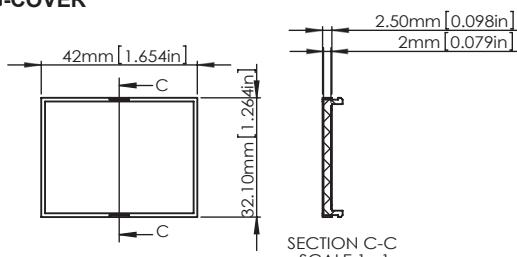


ITEM	DESCRIPTION	MATERIAL	COLOUR	UNIT
1	D2MG-BODY	PC/ABS(UL94-V0)	GREY	1
2	D2MG-BASE	PC/ABS(UL94-V0)	GREY	1
3	D2MG-COVER	PC/ABS(UL94-V0)	GREY	1
4	D2MG-GUARD	PC/ABS(UL94-V0)	GREY	2
5	D2MG-WALL CLIP	NYLON66(UL94-V0)	DARK GREY	1

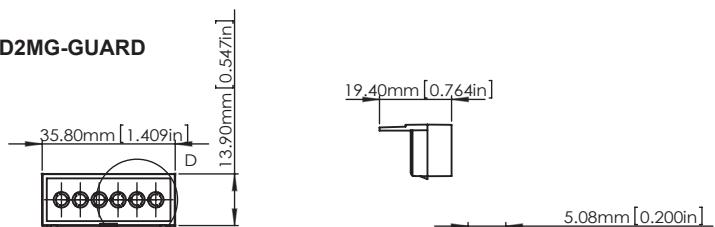
D2MG-BODY



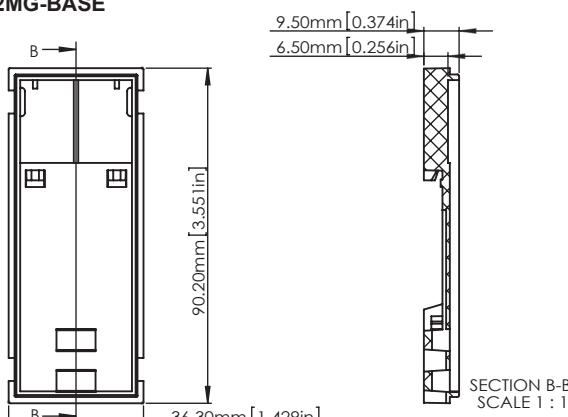
D2MG-COVER



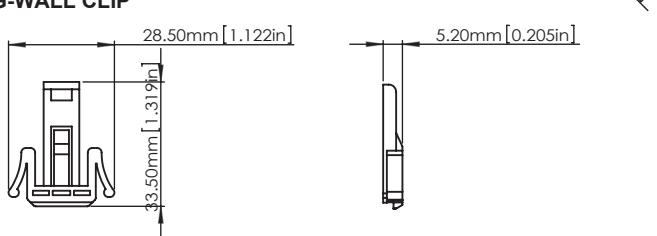
D2MG-GUARD



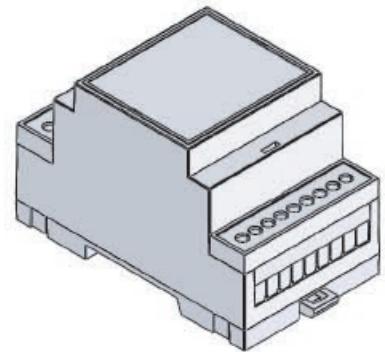
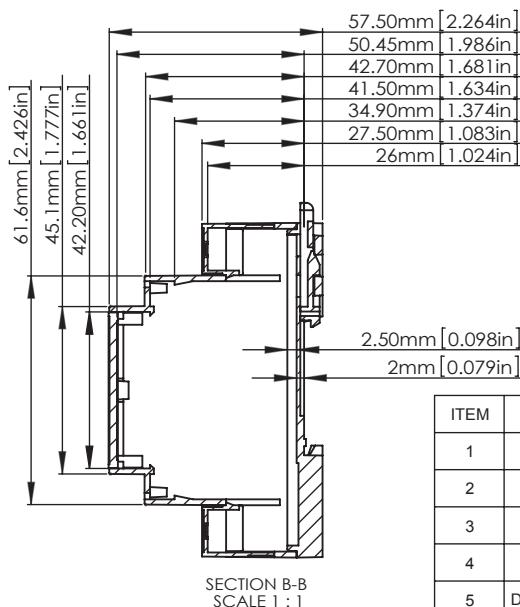
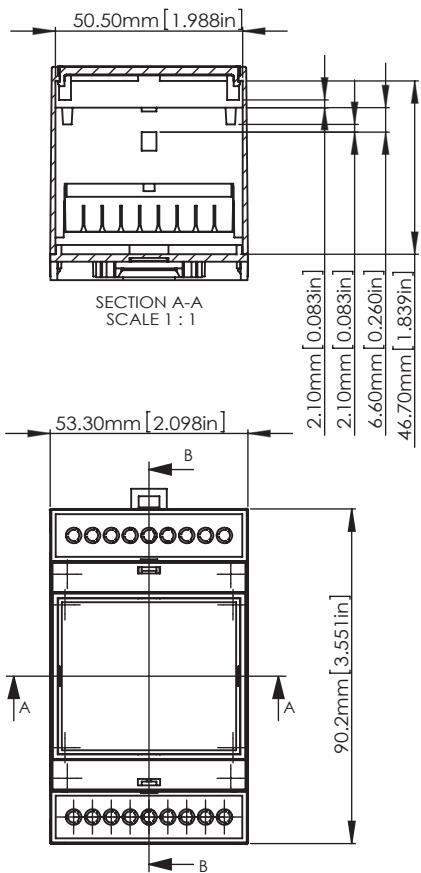
D2MG-BASE



D2MG-WALL CLIP



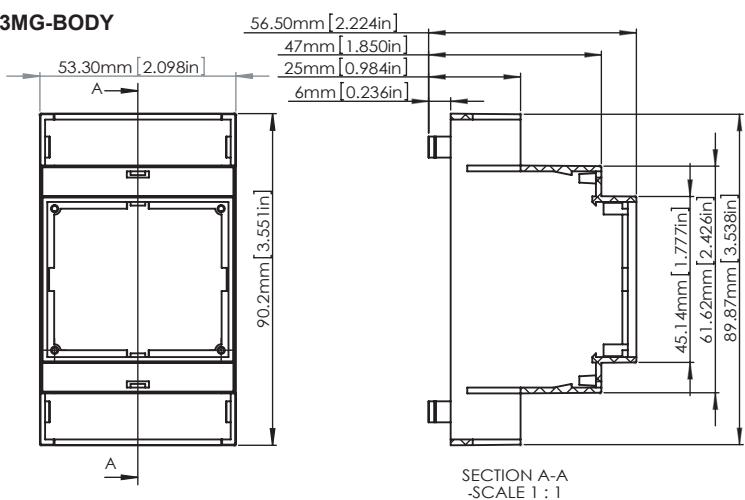
D3MG



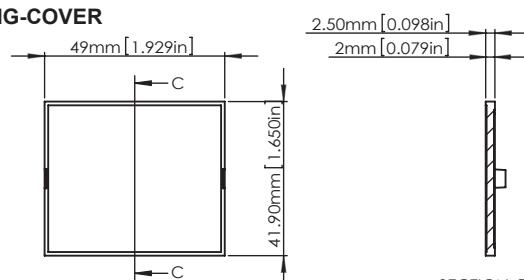
ASSEMBLY

ITEM	DESCRIPTION	MATERIAL	COLOUR	UNIT
1	D3MG-BODY	PC/ABS(UL94-V0)	GREY	1
2	D3MG-BASE	PC/ABS(UL94-V0)	GREY	1
3	D3MG-COVER	PC/ABS(UL94-V0)	GREY	1
4	D3MG-GUARD	PC/ABS(UL94-V0)	GREY	2
5	D3MG-WALL CLIP	NYLON66(UL94-V0)	DARK GREY	1

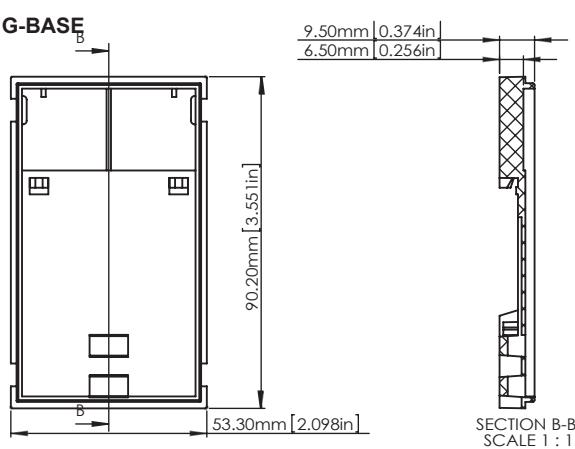
D3MG-BODY



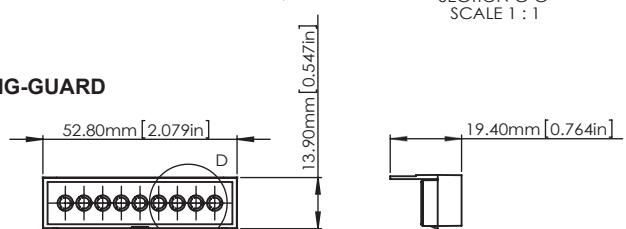
D3MG-COVER



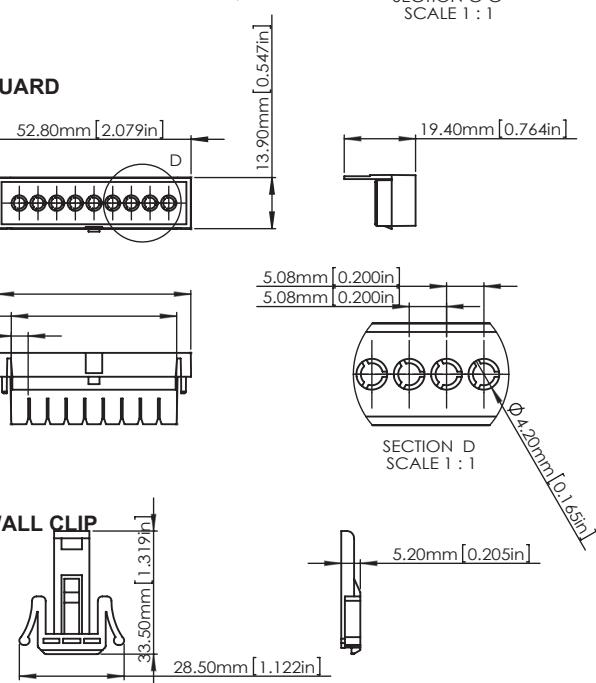
D3MG-BASE



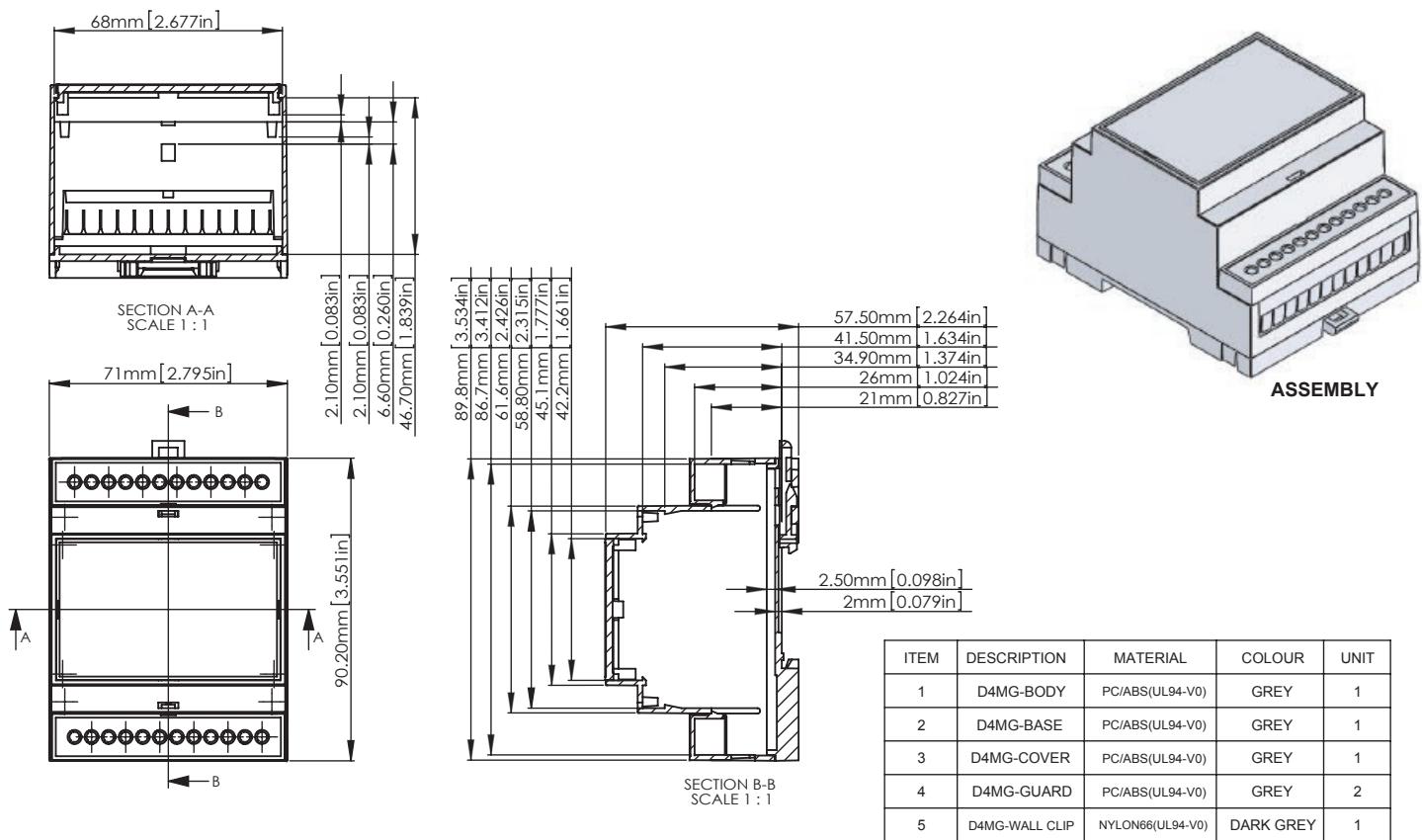
D3MG-GUARD



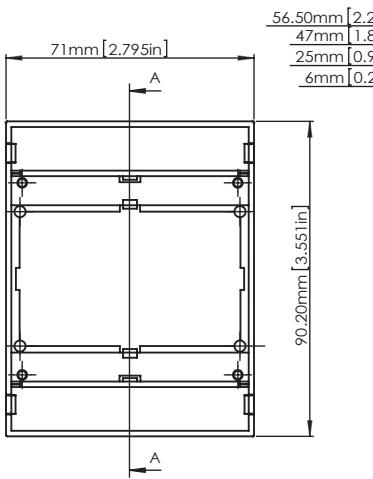
D3MG-WALL CLIP



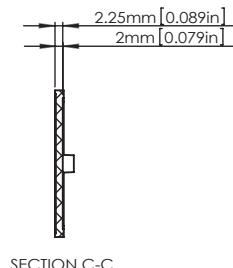
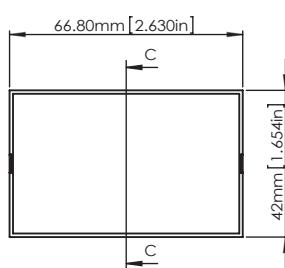
D4MG



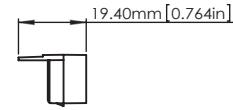
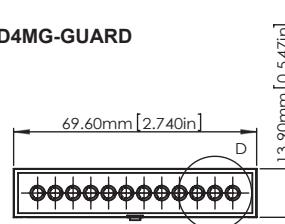
D4MG-BODY



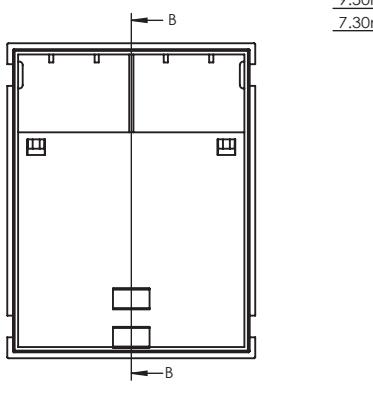
D4MG-COVER



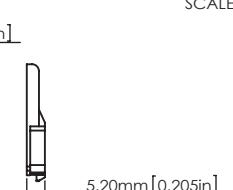
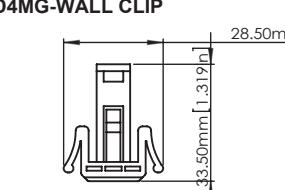
D4MG-GUARD



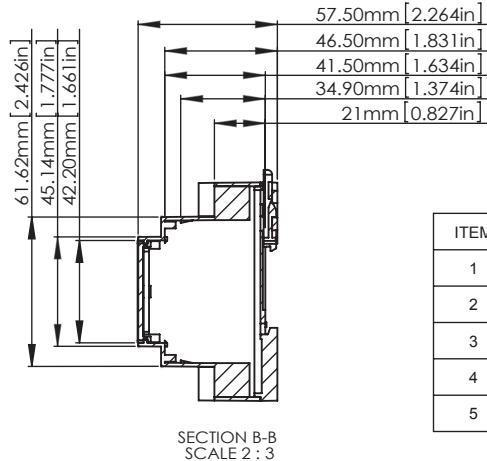
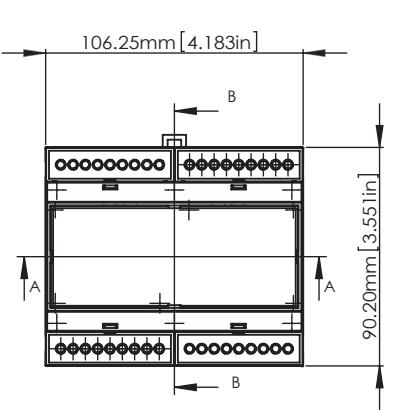
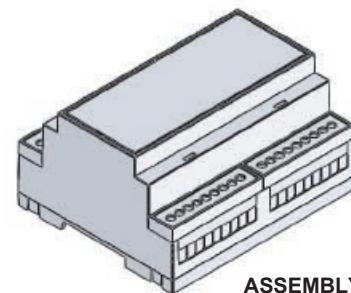
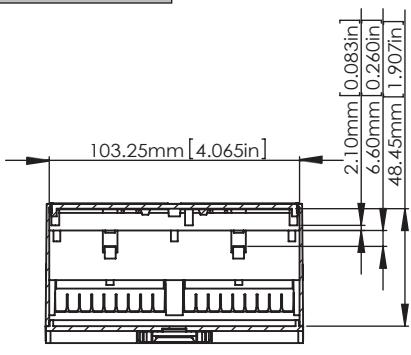
D4MG-BASE



D4MG-WALL CLIP

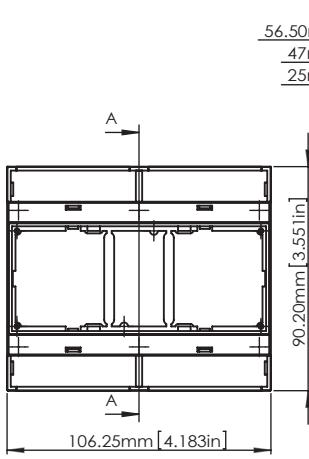


D6MG

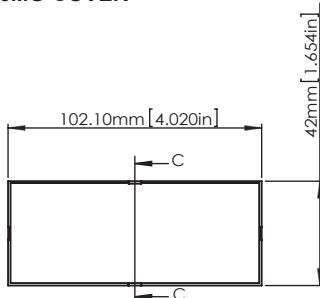


ITEM	DESCRIPTION	MATERIAL	COLOUR	UNIT
1	D6MG-BODY	PC/ABS(UL94-V0)	GREY	1
2	D6MG-BASE	PC/ABS(UL94-V0)	GREY	1
3	D6MG-COVER	PC/ABS(UL94-V0)	GREY	1
4	D6MG-GUARD	PC/ABS(UL94-V0)	GREY	4
5	D6MG-WALL CLIP	NYLON66(UL94-V0)	DARK GREY	1

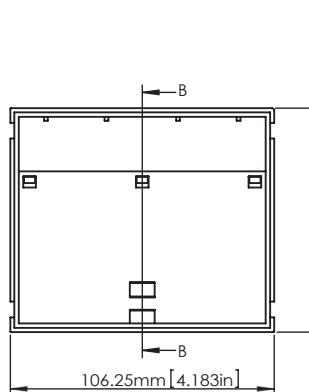
D6MG-BODY



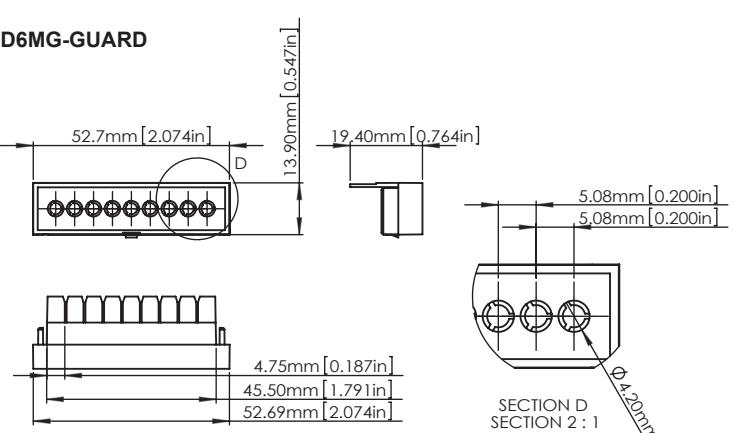
D6MG-COVER



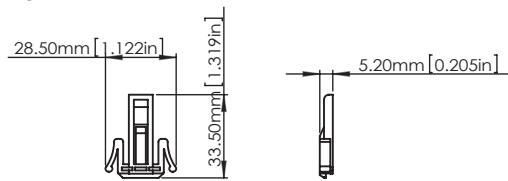
D6MG-BASE



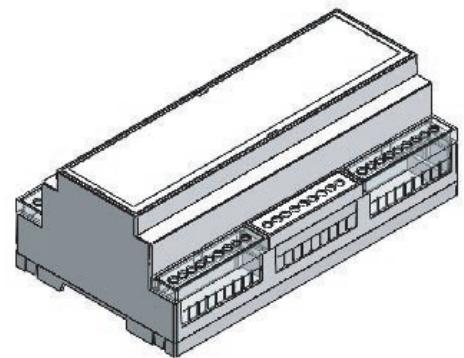
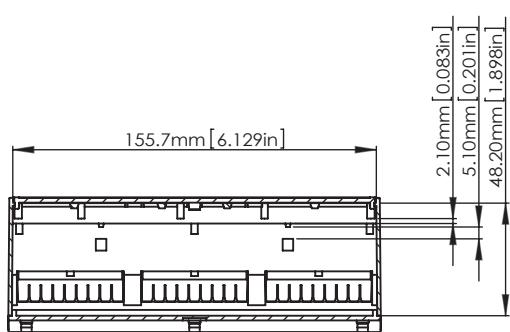
D6MG-GUARD



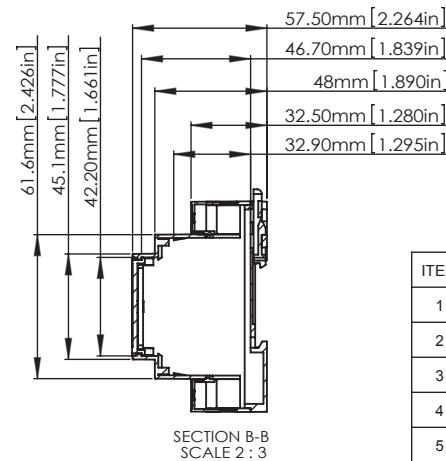
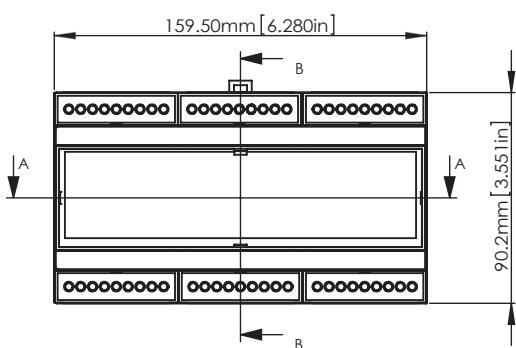
D6MG-WALL CLIP



D9MG



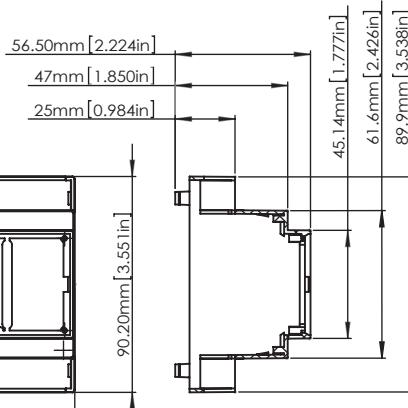
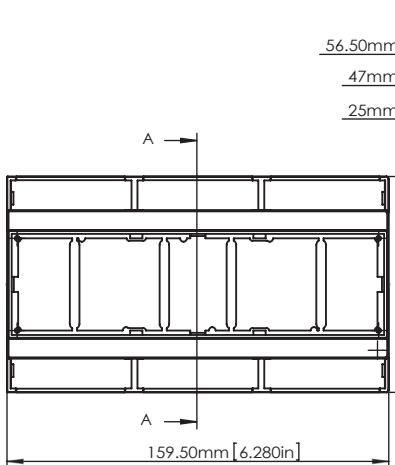
SECTION A-A
SCALE 2 : 3



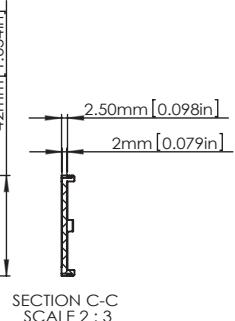
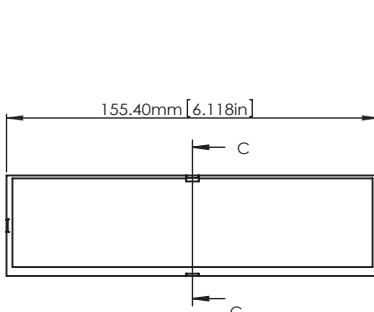
ASSEMBLY

ITEM	DESCRIPTION	MATERIAL	COLOUR	UNIT
1	D9MG-BODY	PC/ABS(UL94-V0)	GREY	1
2	D9MG-BASE	PC/ABS(UL94-V0)	GREY	1
3	D9MG-COVER	PC/ABS(UL94-V0)	GREY	1
4	D9MG-GUARD	PC/ABS(UL94-V0)	GREY	6
5	D9MG-WALL CLIP	NYLON66(UL94-V0)	DARK GREY	1

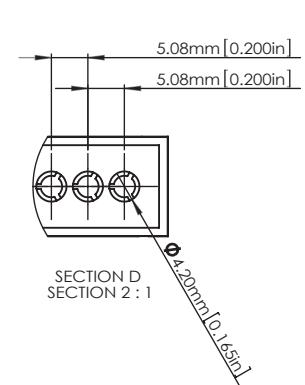
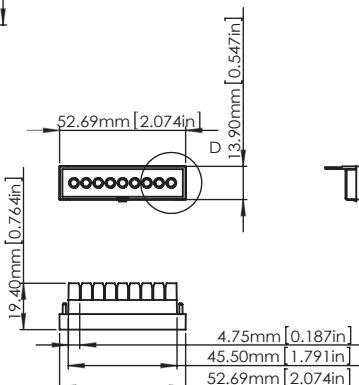
D9MG-BODY



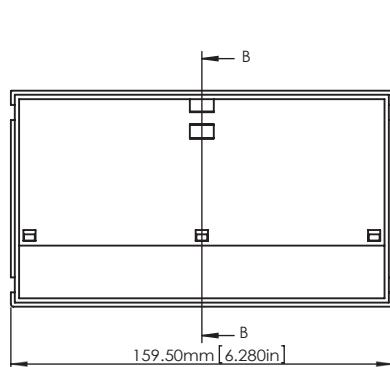
D9MG-COVER



D9MG-GUARD

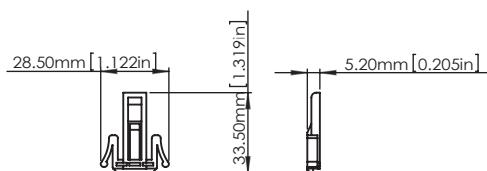


D9MG-BASE



SECTION B-B
SCALE 2 : 3

D9MG-WALL CLIP

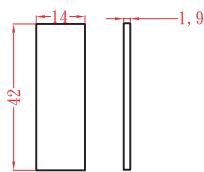


SECTION E
SECTION 2 : 1

SNAP-IN COVER (for DIN Rail Module Box)

D1MG-COVER

ITEM NO	DESCRIPTION	MATERIAL
D1MG COVER-GY	GREY COVER FOR D1MG DIN-BOX USE	PC/ABS (UL94-V0)
D1MG COVER-IR	RED TRANSPARENT COVER FOR D1MG DIN-BOX USE	PC (UL94-V0)
D1MG COVER-C	CLEAR COVER FOR D1MG DIN-BOX USE	PC (UL94-V0)

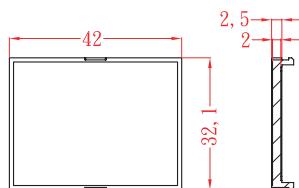


ACCORDING TO ISO 2768-m

Measuring DIM. =L	Tolerance
0.5 < L ≤ 3.0 mm	±0.1 mm
3.0 < L ≤ 6.0 mm	±0.1 mm
6.0 < L ≤ 30.0 mm	±0.2 mm
30.0 < L ≤ 120.0 mm	±0.3 mm
120.0 < L ≤ 400.0 mm	±0.5 mm
400.0 < L ≤ 1000.0 mm	±0.8 mm

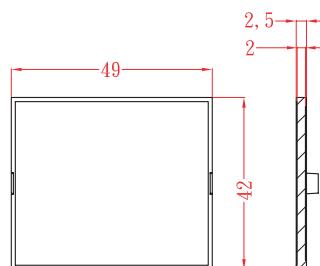
D2MG-COVER

ITEM NO	DESCRIPTION	MATERIAL
D2MG COVER-GY	GREY COVER FOR D2MG DIN-BOX USE	PC/ABS (UL94-V0)
D2MG COVER-IR	RED TRANSPARENT COVER FOR D2MG DIN-BOX USE	PC (UL94-V0)
D2MG COVER-C	CLEAR COVER FOR D2MG DIN-BOX USE	PC (UL94-V0)



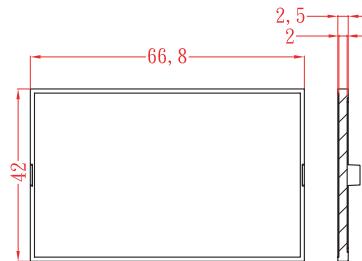
D3MG-COVER

ITEM NO	DESCRIPTION	MATERIAL
D3MG COVER-GY	GREY COVER FOR D3MG DIN-BOX USE	PC/ABS (UL94-V0)
D3MG COVER-IR	RED TRANSPARENT COVER FOR D3MG DIN-BOX USE	PC (UL94-V0)
D3MG COVER-C	CLEAR COVER FOR D3MG DIN-BOX USE	PC (UL94-V0)



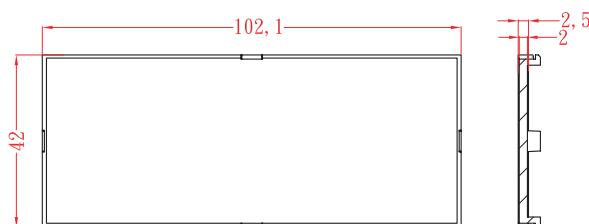
D4MG-COVER

ITEM NO	DESCRIPTION	MATERIAL
D4MG COVER-GY	GREY COVER FOR D4MG DIN-BOX USE	PC/ABS (UL94-V0)
D4MG COVER-IR	RED TRANSPARENT COVER FOR D4MG DIN-BOX USE	PC (UL94-V0)
D4MG COVER-C	CLEAR COVER FOR D4MG DIN-BOX USE	PC (UL94-V0)



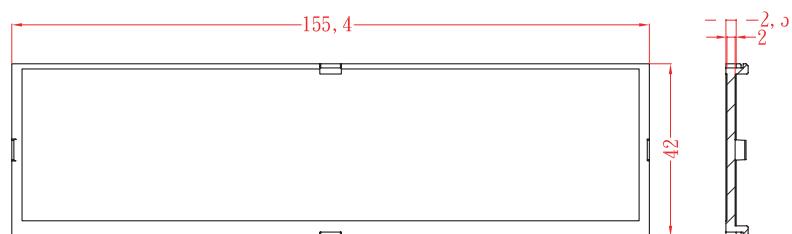
D6MG-COVER

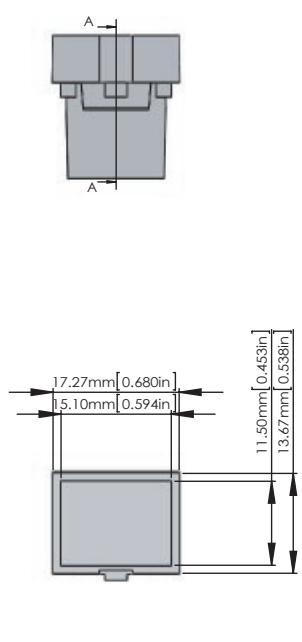
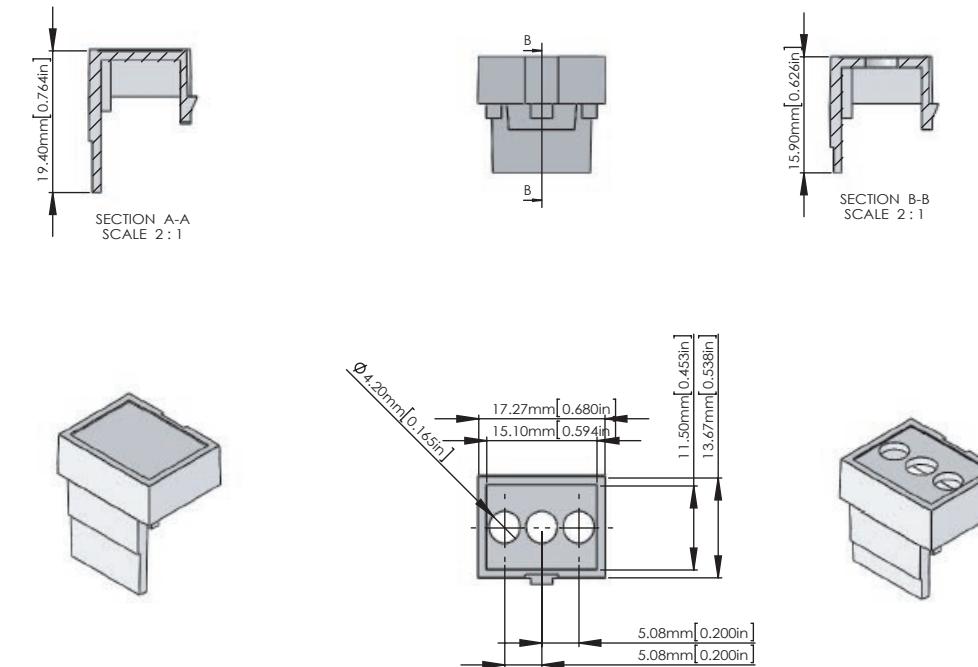
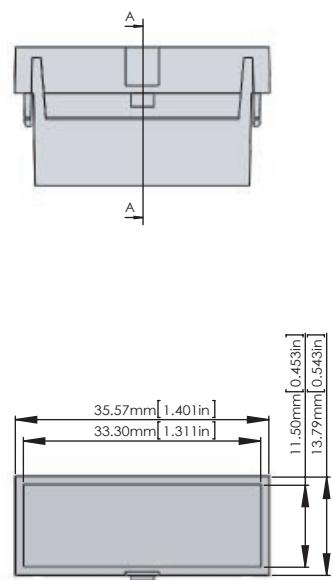
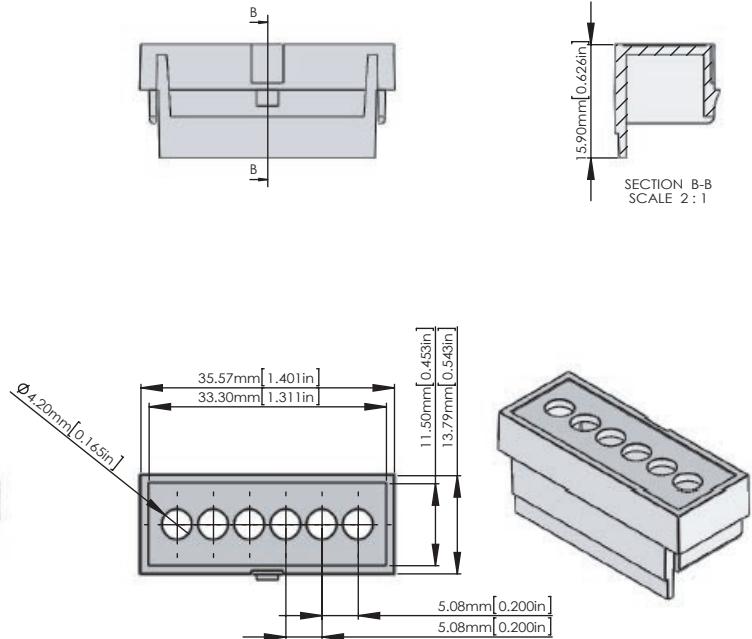
ITEM NO	DESCRIPTION	MATERIAL
D6MG COVER-GY	GREY COVER FOR D6MG DIN-BOX USE	PC/ABS (UL94-V0)
D6MG COVER-IR	RED TRANSPARENT COVER FOR D6MG DIN-BOX USE	PC (UL94-V0)
D6MG COVER-C	CLEAR COVER FOR D6MG DIN-BOX USE	PC (UL94-V0)

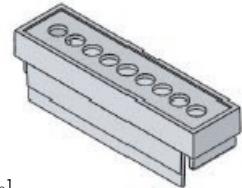
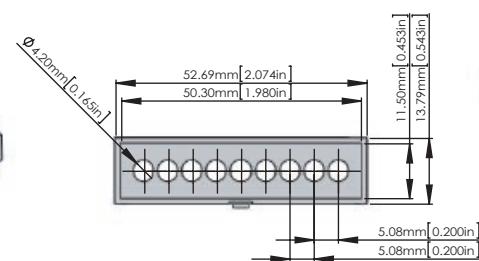
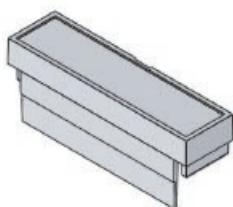
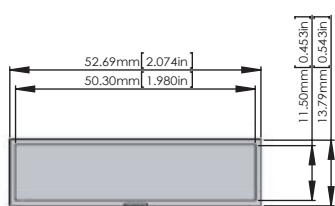
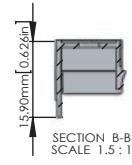
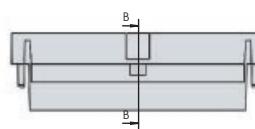
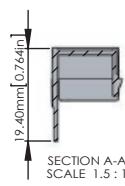
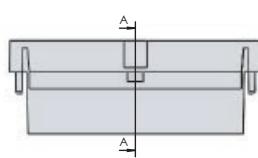
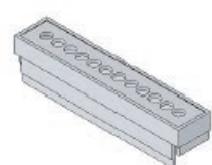
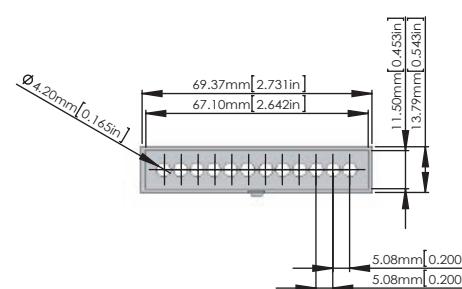
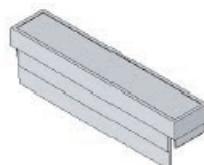
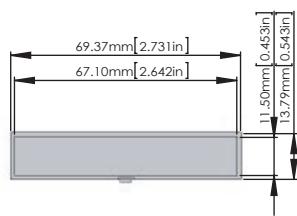
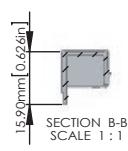
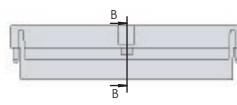
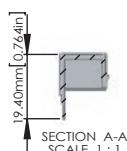
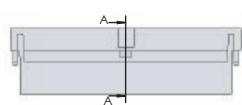


D9MG-COVER

ITEM NO	DESCRIPTION	MATERIAL
D9MG COVER-GY	GREY COVER FOR D9MG DIN-BOX USE	PC/ABS (UL94-V0)
D9MG COVER-IR	RED TRANSPARENT COVER FOR D9MG DIN-BOX USE	PC (UL94-V0)
D9MG COVER-C	CLEAR COVER FOR D9MG DIN-BOX USE	PC (UL94-V0)

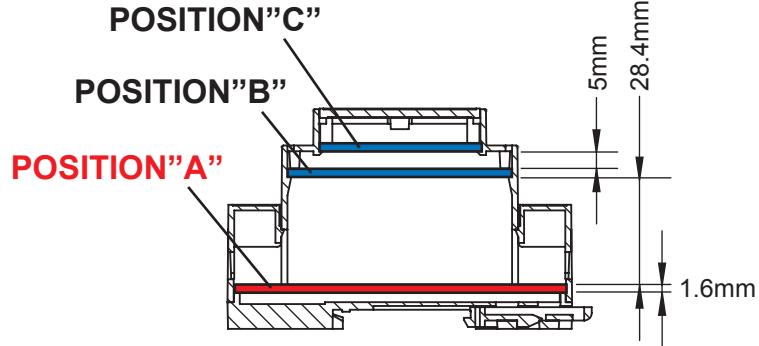


D1MG-GUARD-NO**D1MG-GUARD-HH****D2MG-GUARD-NO****D2MG-GUARD-HH**

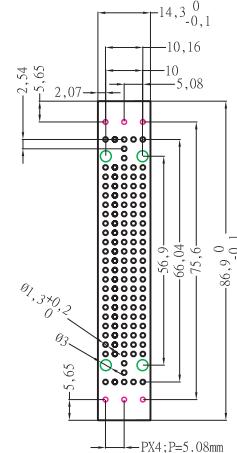
D3MG/D6MG/D9MG-GUARD-NO**D3MG/D6MG/D9MG-GUARD-HH****D4MG-GUARD-NO****D4MG-GUARD-HH**

RECOMMENDED CIRCUIT BOARD LAYOUT

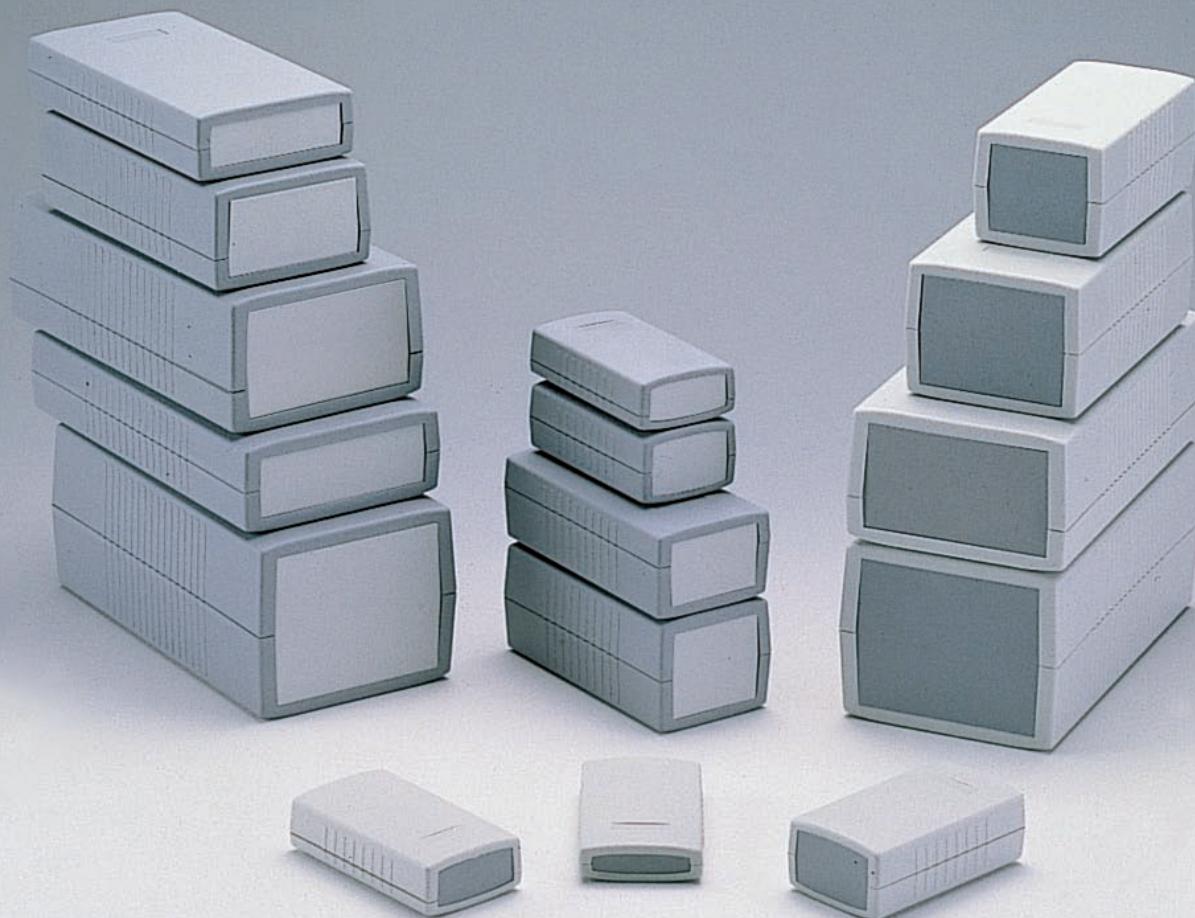
PCB position "A"



D1MG-PCB-A



PLASTIC MOLDED ENCLOSURES



PRODUCT INFORMATION

MATERIAL:

- High impact ABS UL94-HB or UL94-V0 plastic.

FEATURES:

- This range of molded cases are ideally suited for instrumentation and telecommunication equipment from hand-held to desk sizes.
- These molded plastic cases have a two part design with a tongue and groove joint between the top and bottom case with specially designed end panels of the same material or the option of aluminium end panels.
- This design affords environmental sealing to IP54 of IEC 529.
- The top and bottom case are lightly textured which affords a non-scratch surface and maintains the high quality finish.
- There are guide slots provided for vertical mounting of PCB's.
- Bosses are provided for the horizontal mounting of PCB's.
- Four M3 screws are countersunk in the base and thread into brass inserts which secure the lid and end panels firmly.

MATERIAL: ABS, UL94-HB

ITEM No.	COLOR		RUBBER FEET	EXTERNAL DIMENSION(mm)
	LID/BASE	PANELS		
G430	Light Grey	Dark Grey	No	90 x 50 x 16
G431	Light Grey	Dark Grey	No	90 x 50 x 24
G434	Light Grey	Dark Grey	No	90 x 50 x 32
G436	Light Grey	Dark Grey	No	120 x 60 x 30
G438	Light Grey	Dark Grey	No	120 x 60 x 40
G440	Light Grey	Dark Grey	No	120 x 60 x 50
G443	Light Grey	Dark Grey	Yes	150 x 80 x 30
G445	Light Grey	Dark Grey	Yes	150 x 80 x 45
G447	Light Grey	Dark Grey	Yes	150 x 80 x 60
G452	Light Grey	Dark Grey	Yes	190 x 100 x 40
G454	Light Grey	Dark Grey	Yes	190 x 100 x 60
G459	Light Grey	Dark Grey	Yes	190 x 100 x 80



G430

MATERIAL: ABS, UL94-V0

ITEM No.	COLOR		RUBBER FEET	EXTERNAL DIMENSION(mm)
	LID/BASE	PANELS		
G401	Dark Grey	Light Grey	No	90 x 50 x 16
G403	Dark Grey	Light Grey	No	90 x 50 x 24
G404	Dark Grey	Light Grey	No	90 x 50 x 32
G407	Dark Grey	Light Grey	No	120 x 60 x 30
G410	Dark Grey	Light Grey	No	120 x 60 x 40
G412	Dark Grey	Light Grey	No	120 x 60 x 50
G413	Dark Grey	Light Grey	Yes	150 x 80 x 30
G416	Dark Grey	Light Grey	Yes	150 x 80 x 45
G418	Dark Grey	Light Grey	Yes	150 x 80 x 60
G421	Dark Grey	Light Grey	Yes	190 x 100 x 40
G422	Dark Grey	Light Grey	Yes	190 x 100 x 60
G425	Dark Grey	Light Grey	Yes	190 x 100 x 80



G401

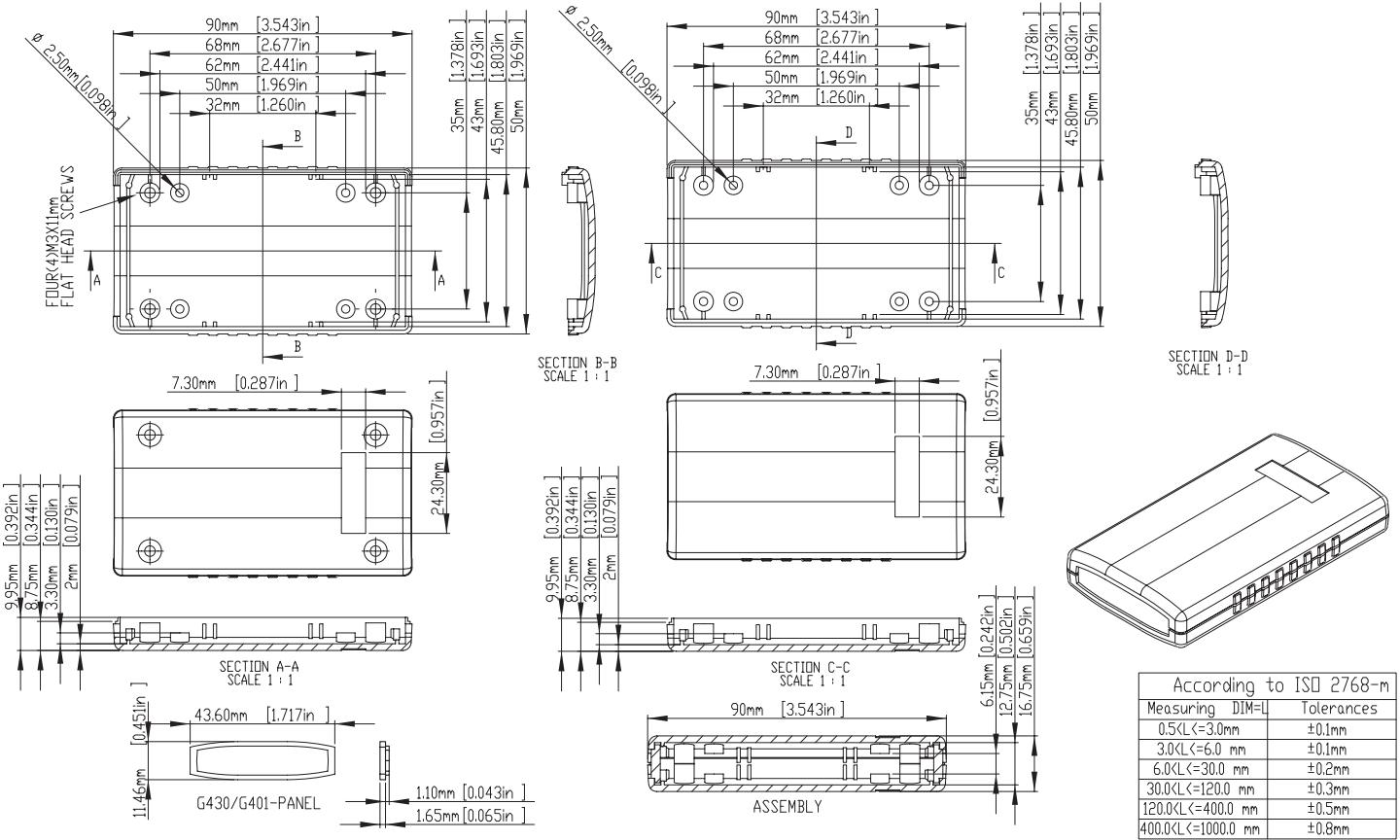
Content G401



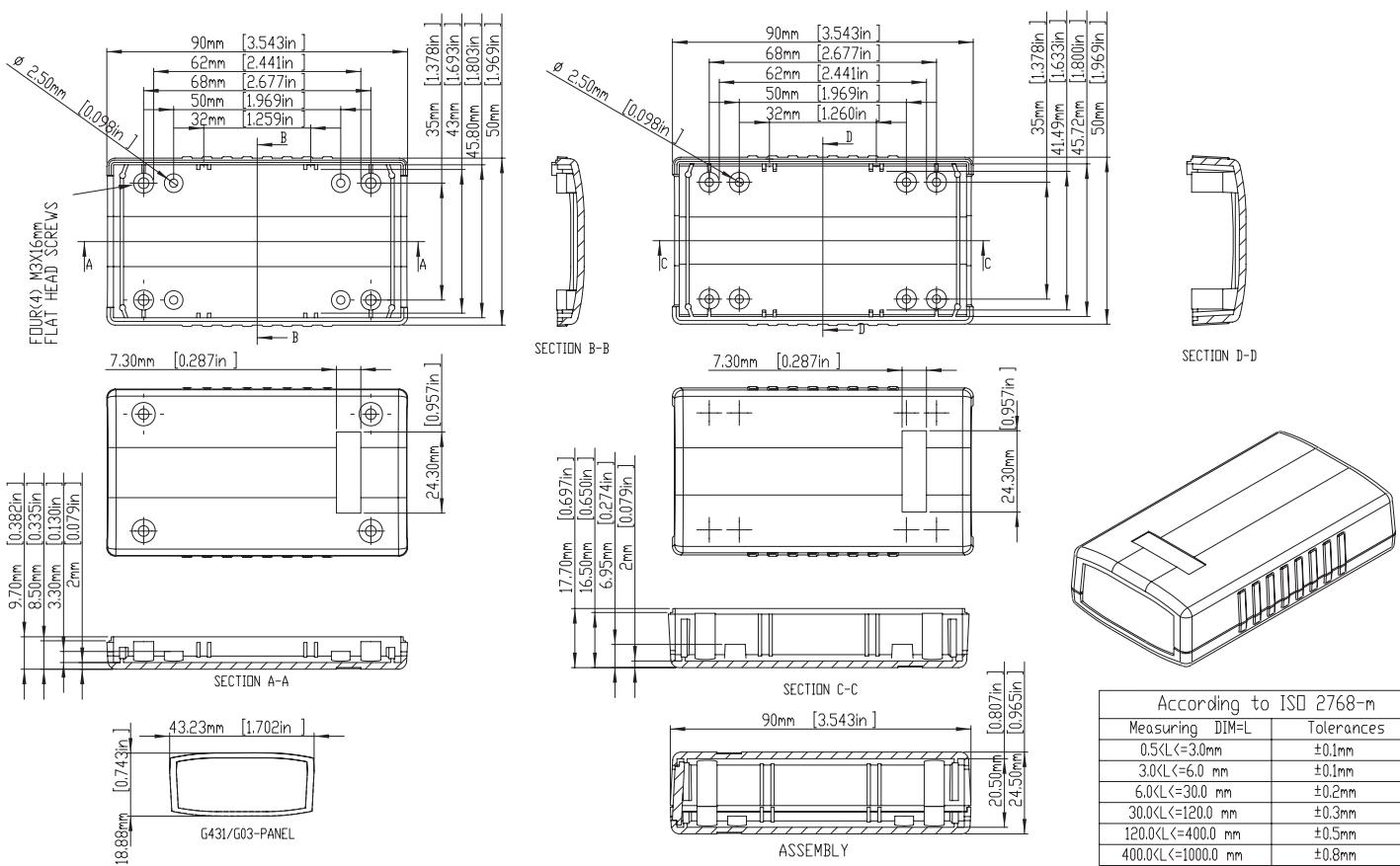
Content G413 (with RUBBER FEET)



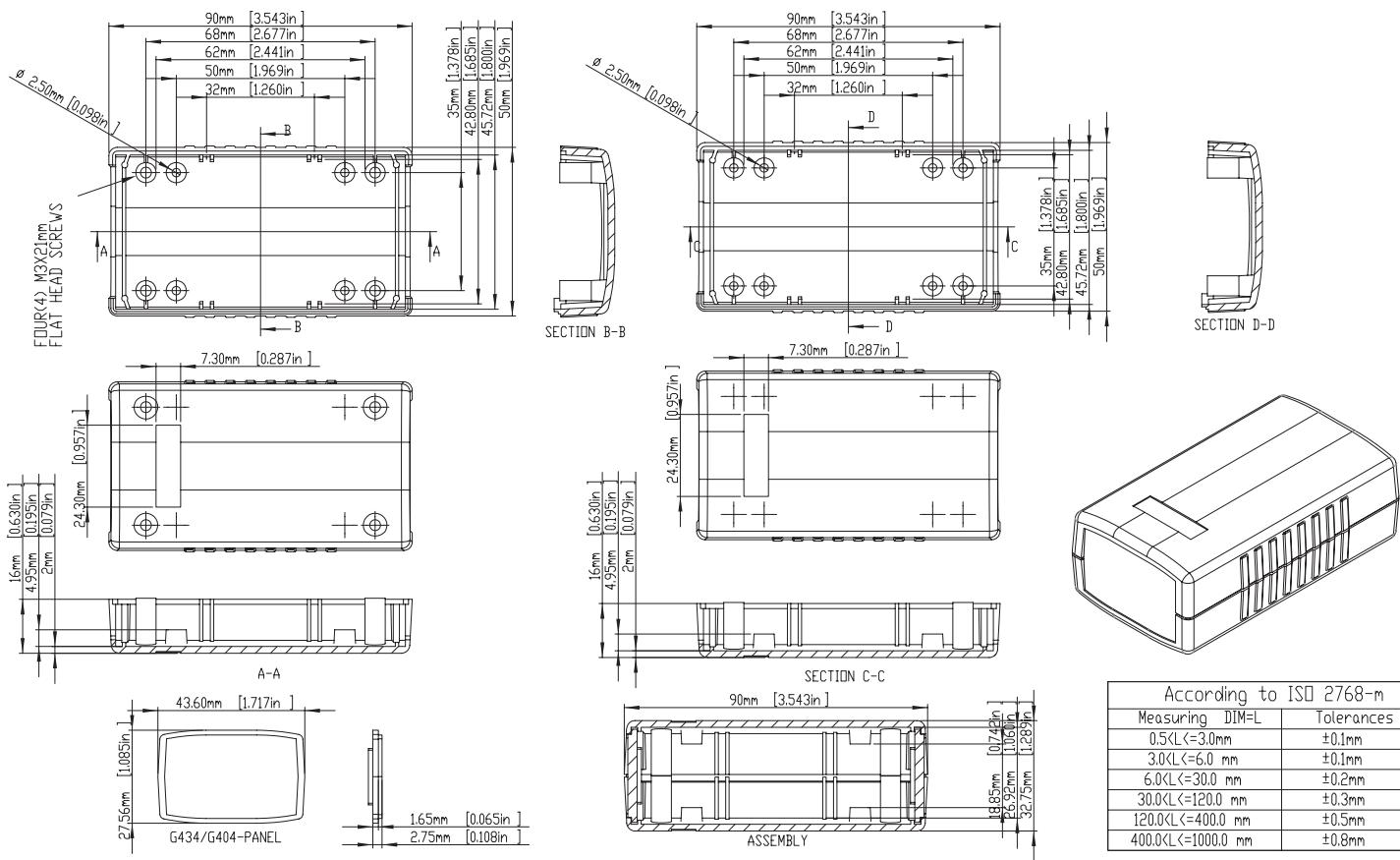
G430 / G401



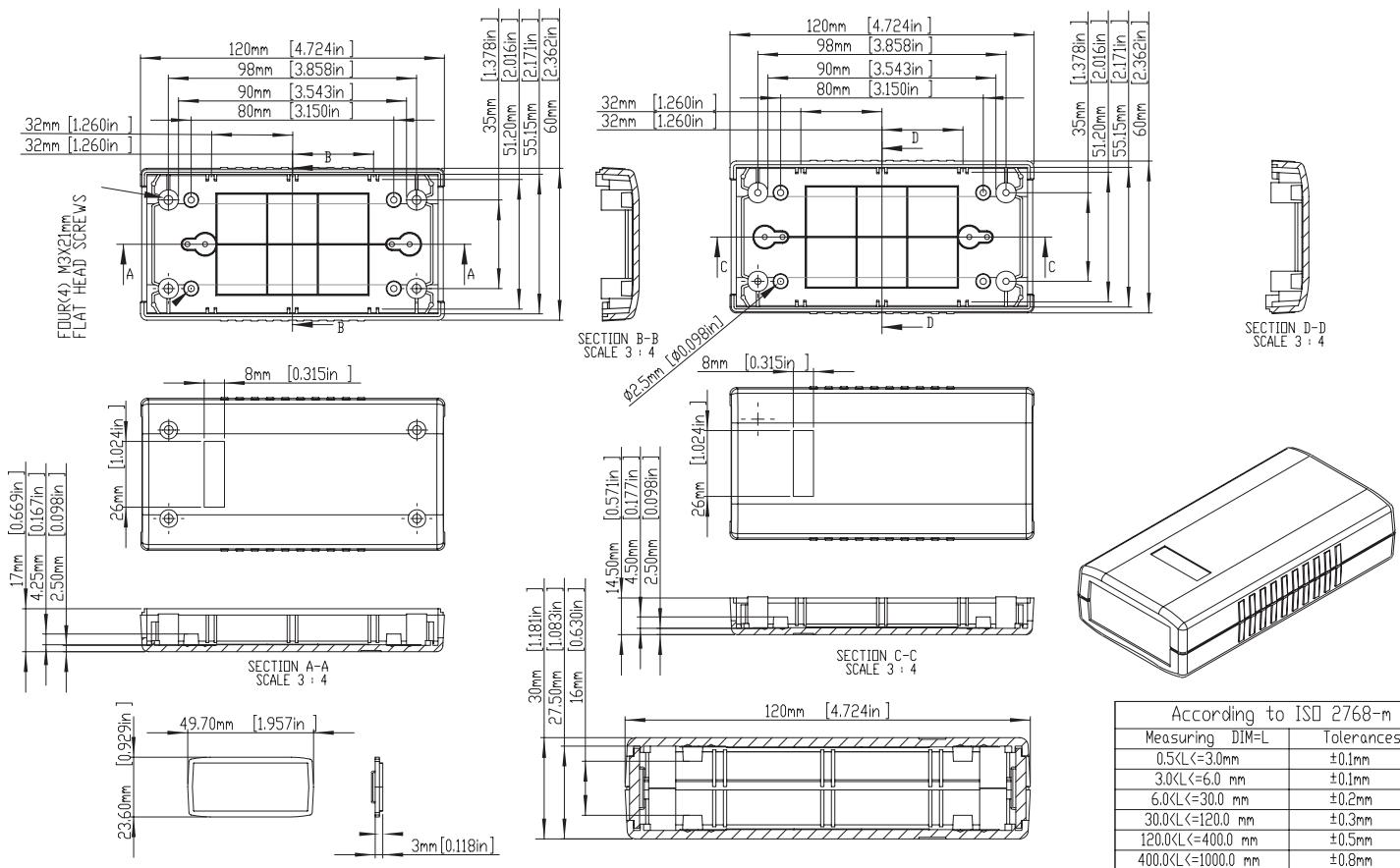
G431 / G403



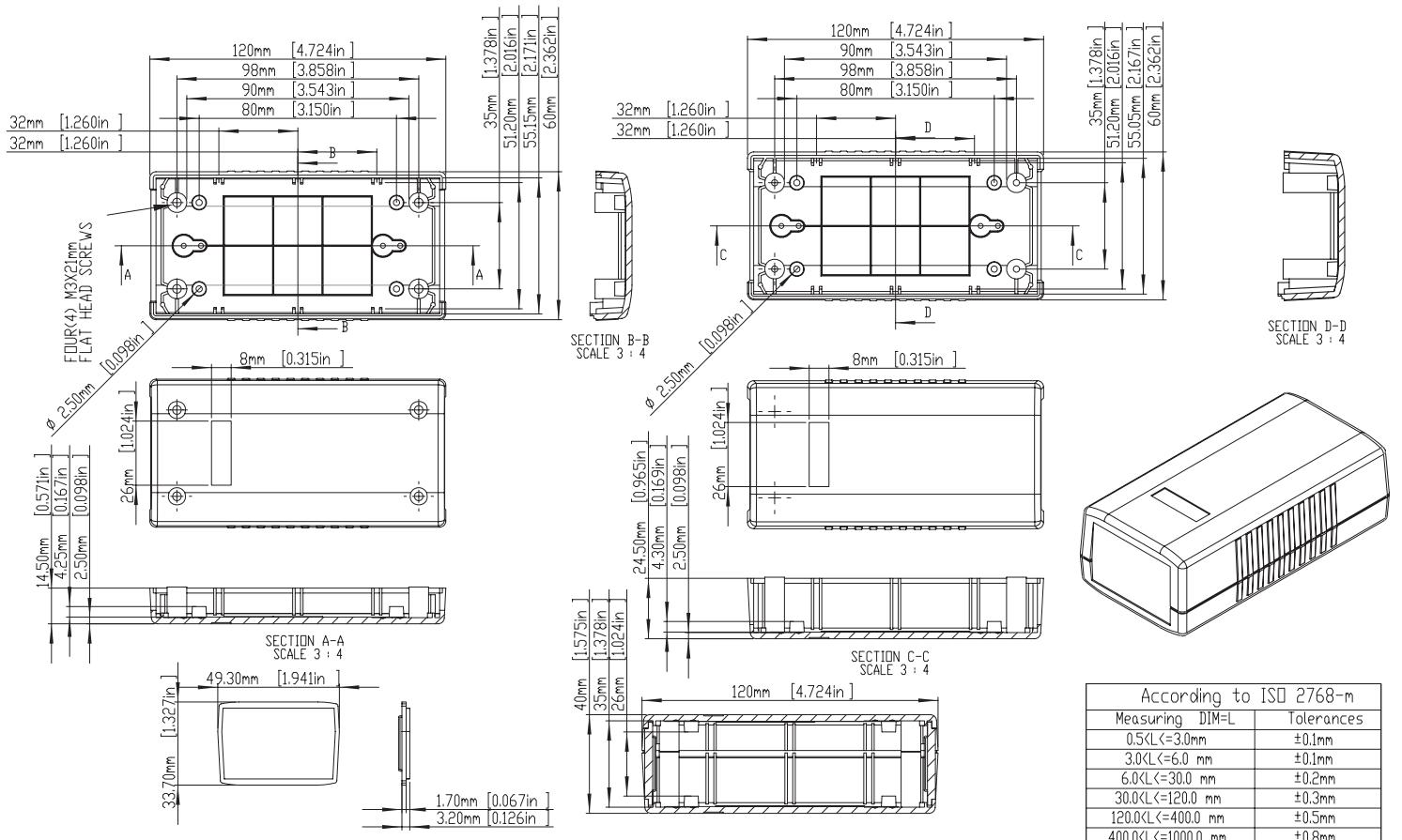
G434 / G404



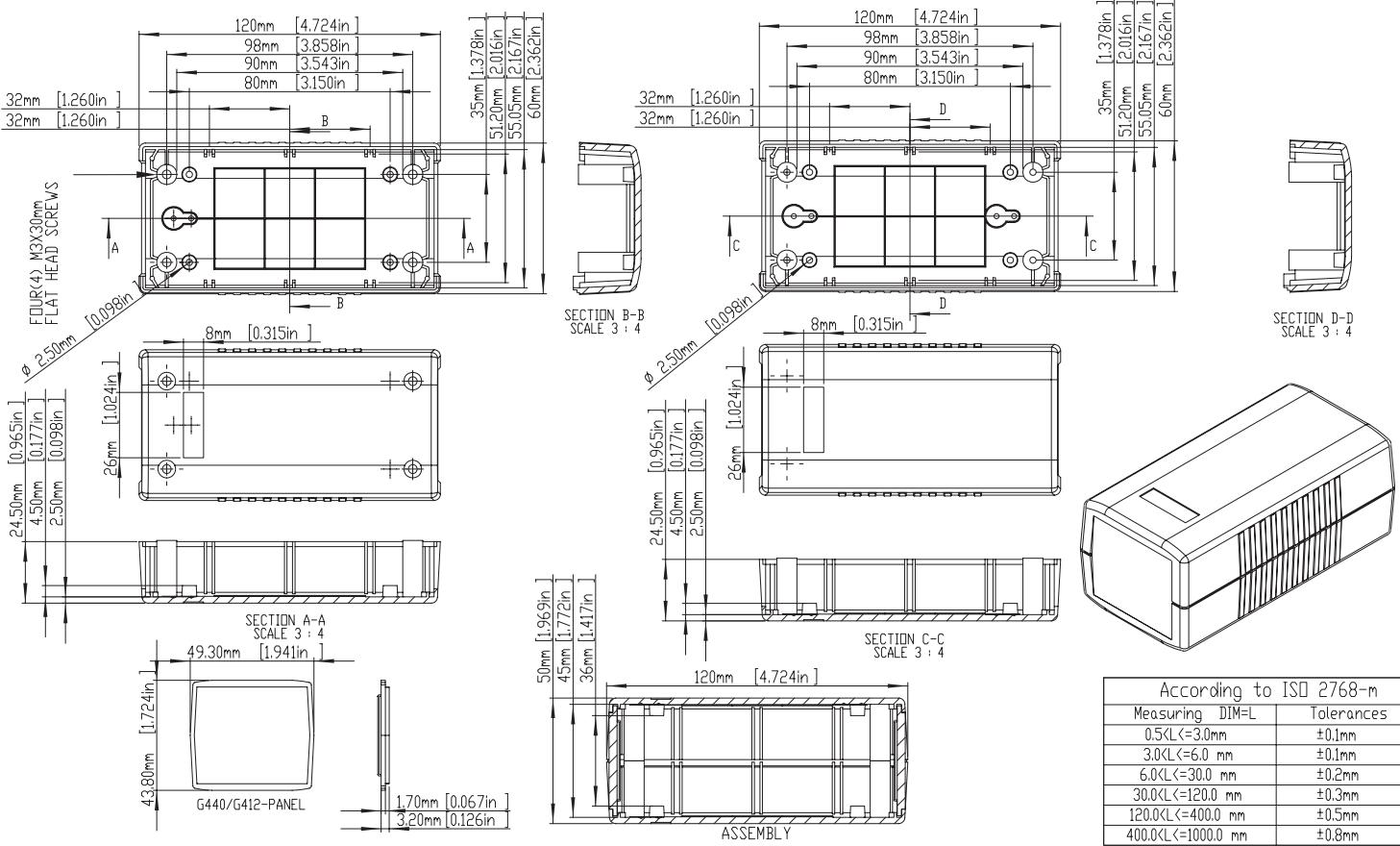
G436 / G407



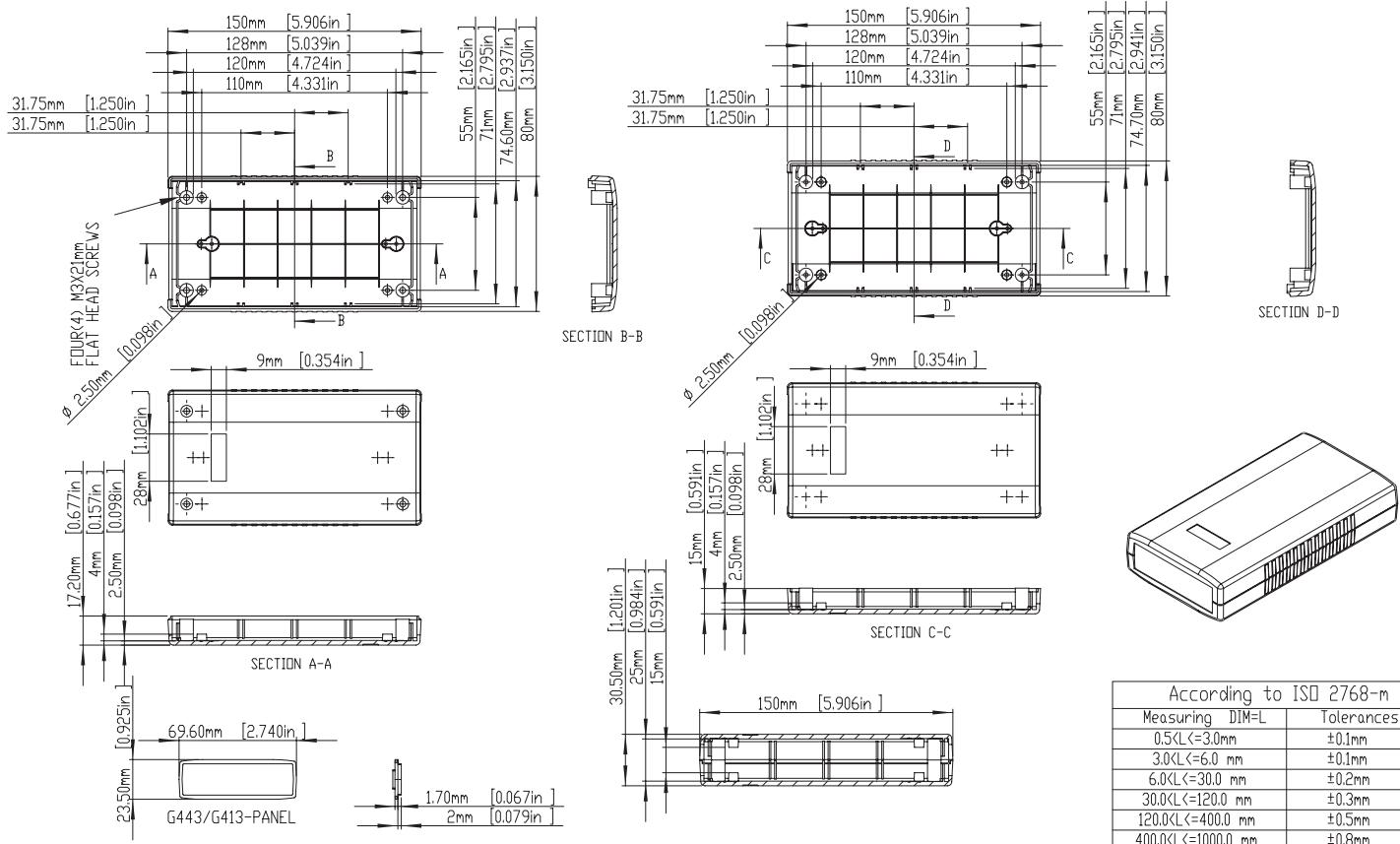
G438 / G410



G440 / G412

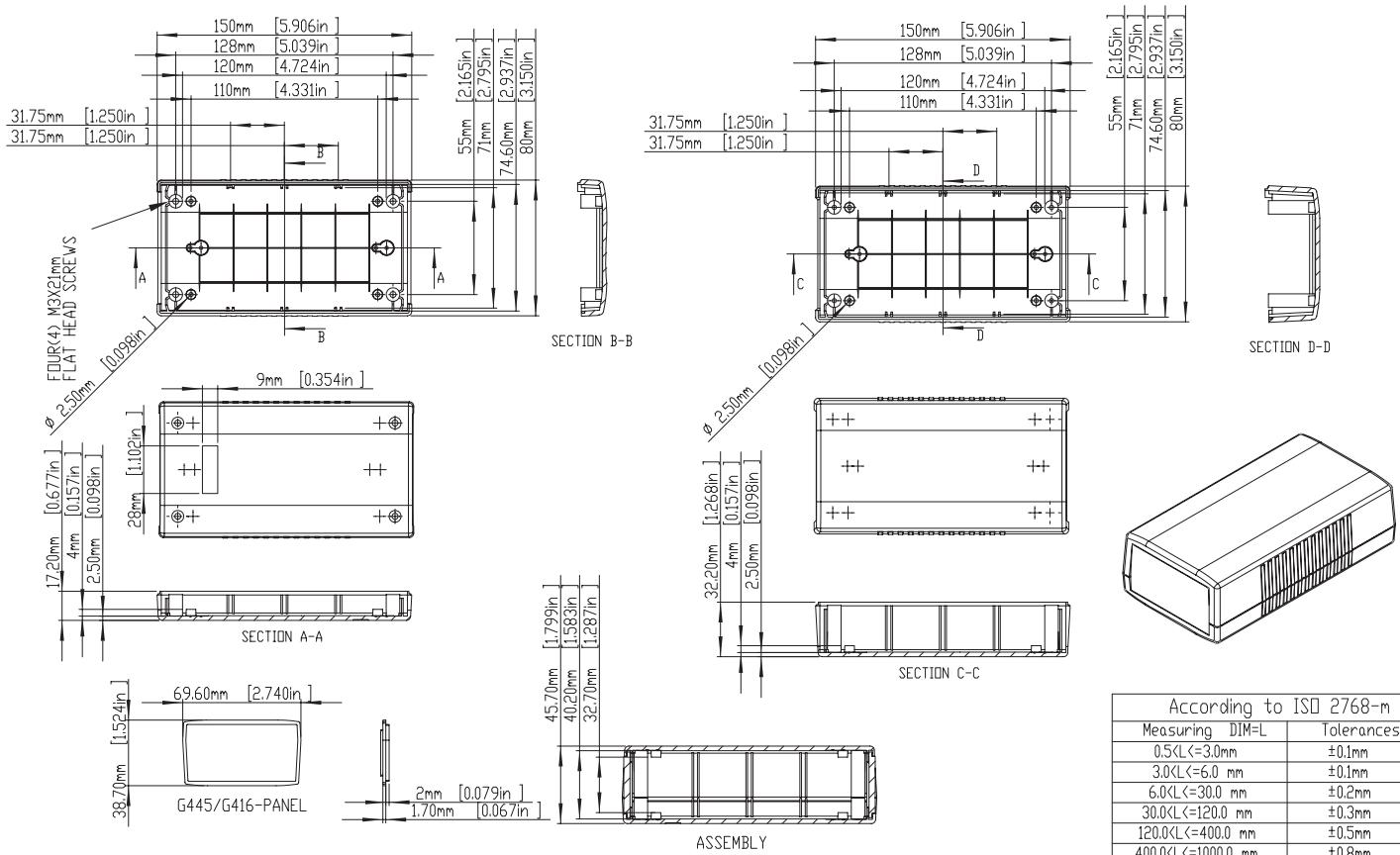


G443 / G413



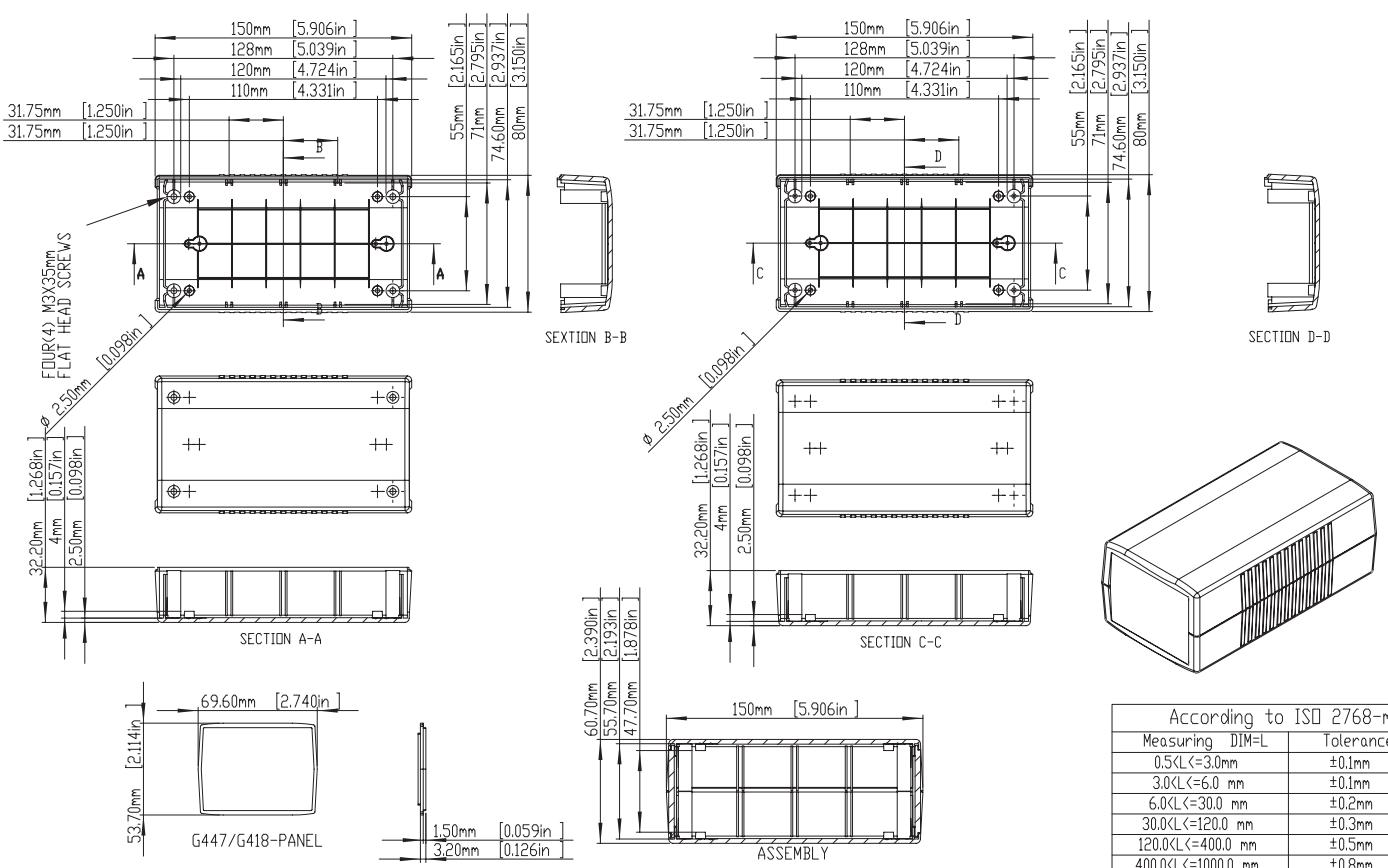
According to ISO 2768-m	
Measuring DIM=L	Tolerances
0.5L<=3.0mm	±0.1mm
3.0KL<=6.0 mm	±0.1mm
6.0KL<=30.0 mm	±0.2mm
30.0KL<=120.0 mm	±0.3mm
120.0KL<=400.0 mm	±0.5mm
400.0KL<=1000.0 mm	±0.8mm

G445 / G416

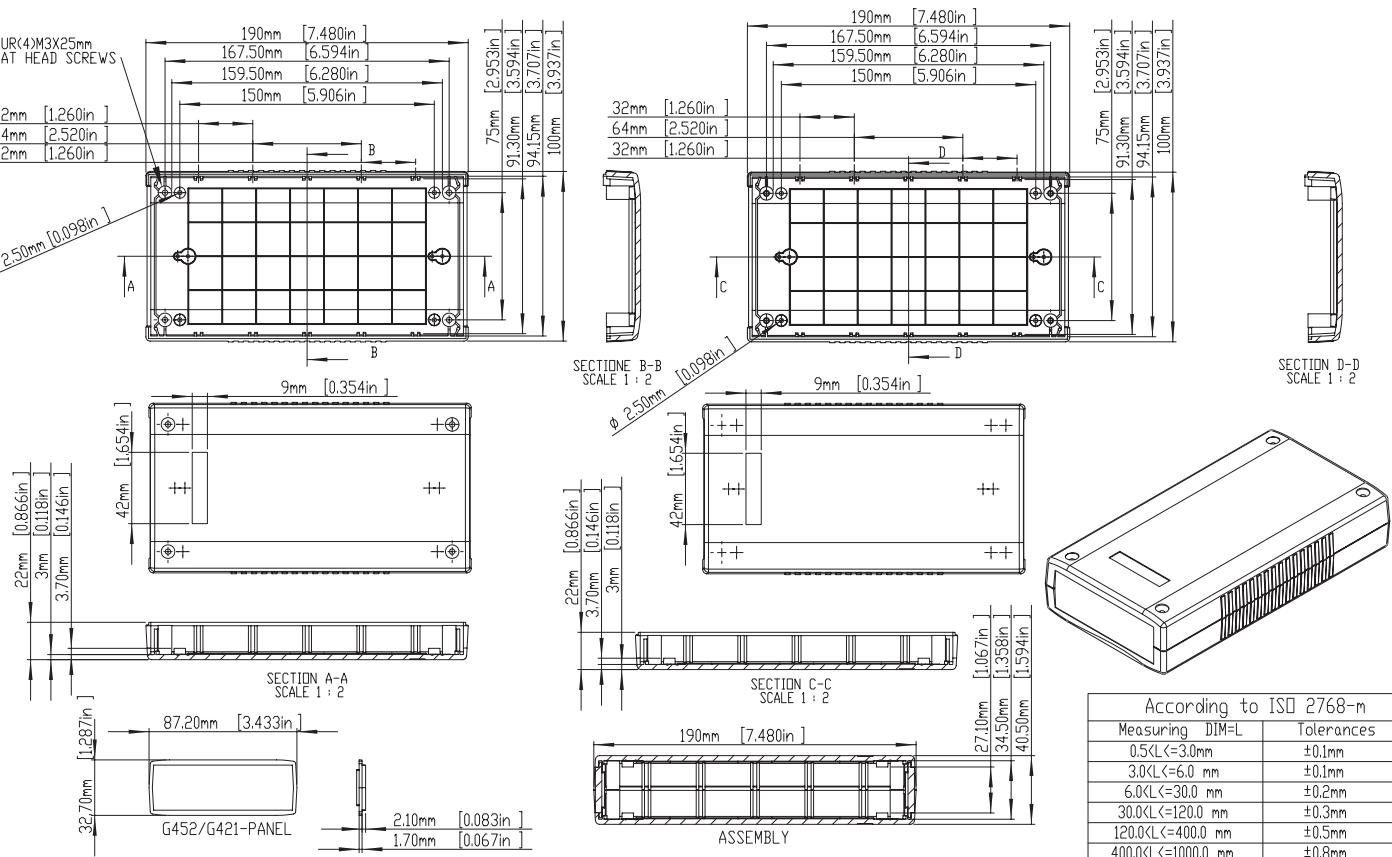


According to ISO 2768-m	
Measuring DIM=L	Tolerances
0.5KL<=3.0mm	±0.1mm
3.0KL<=6.0 mm	±0.1mm
6.0KL<=30.0 mm	±0.2mm
30.0KL<=120.0 mm	±0.3mm
120.0KL<=400.0 mm	±0.5mm
400.0KL<=1000.0 mm	±0.8mm

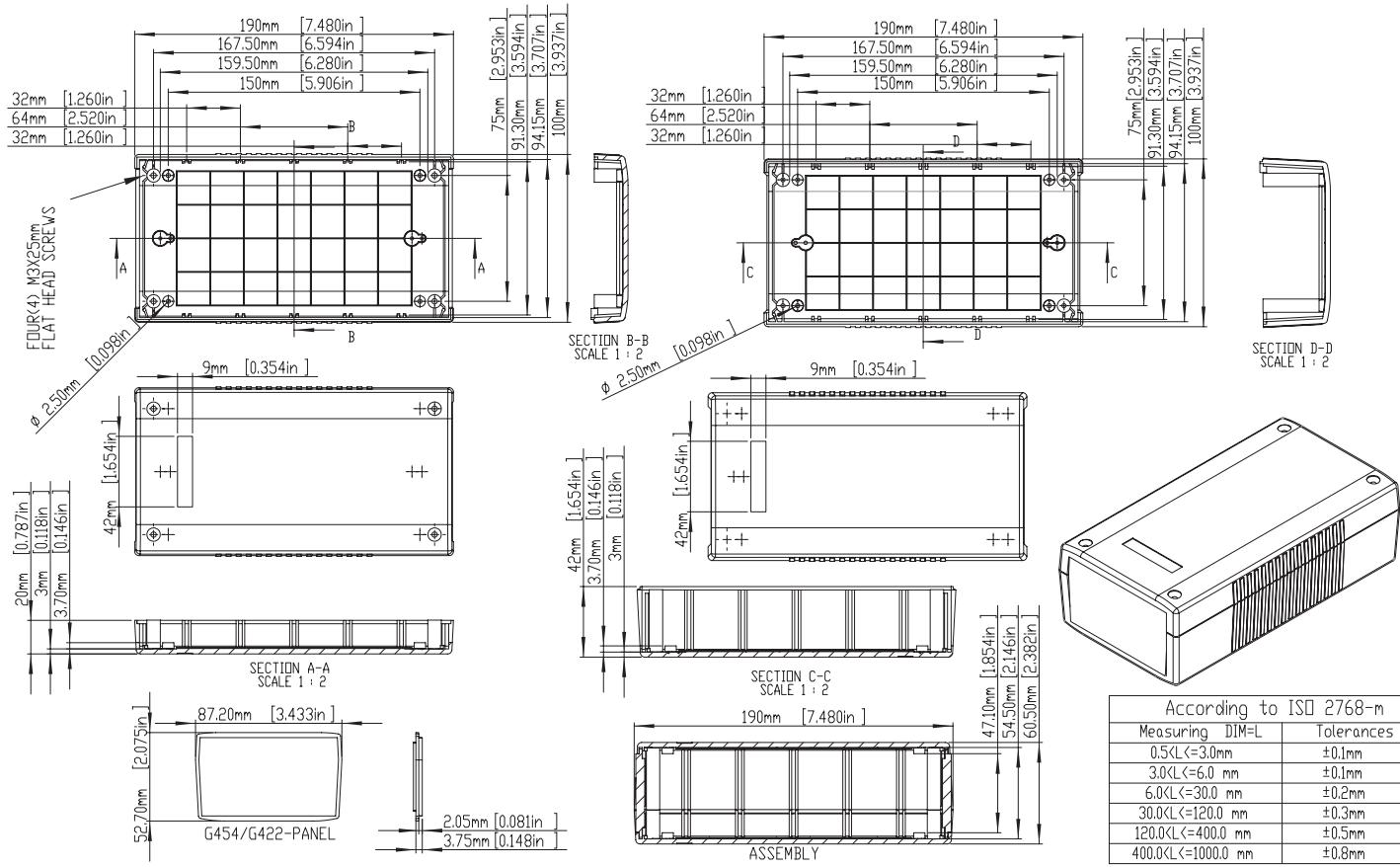
G447 / G418



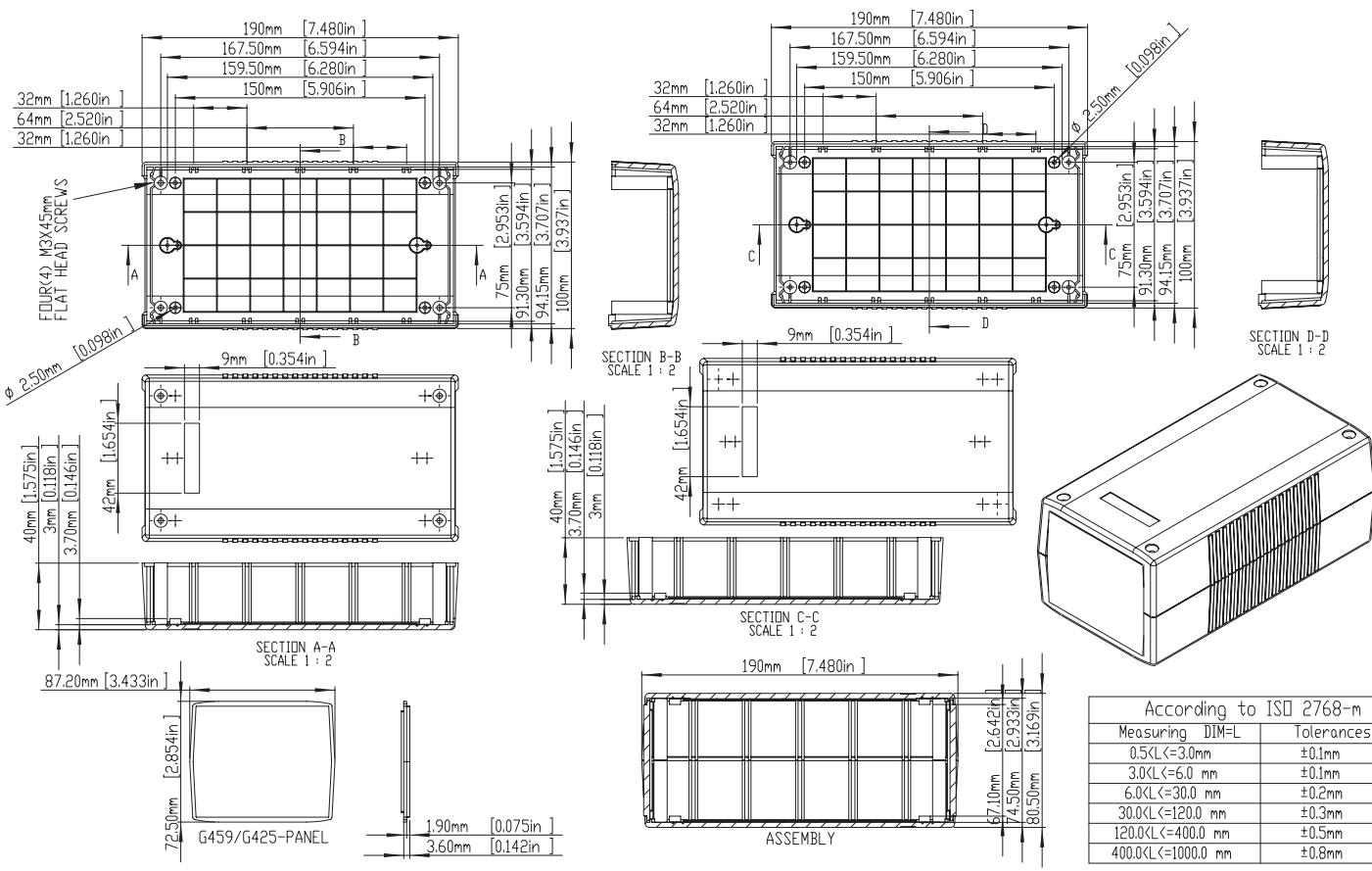
G452 / G421



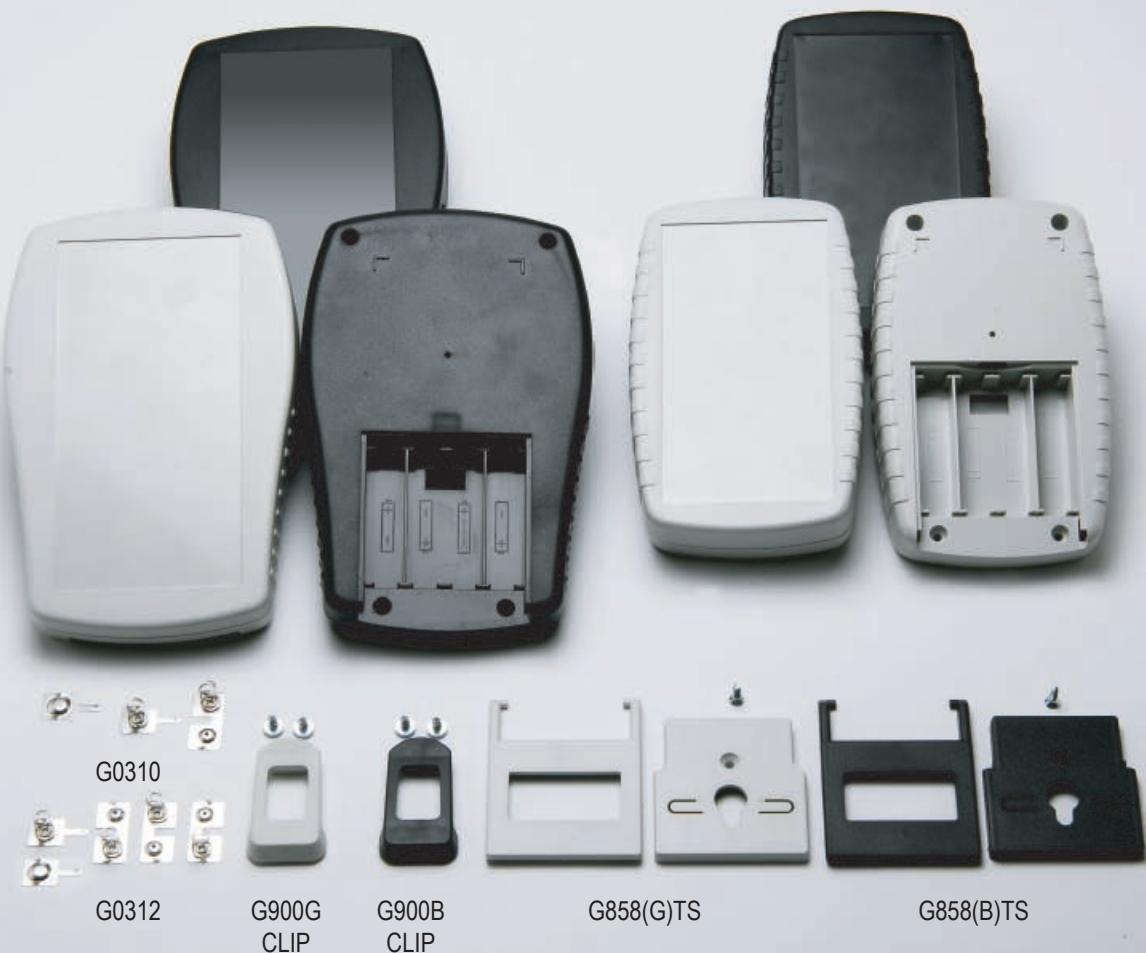
G4547 / G422



G459 / G425



HAND-HELD ELECTRONIC ENCLOSURE



PRODUCT INFORMATION

MATERIAL:

- High-impact ABS plastic, Grey and black color.



G0310

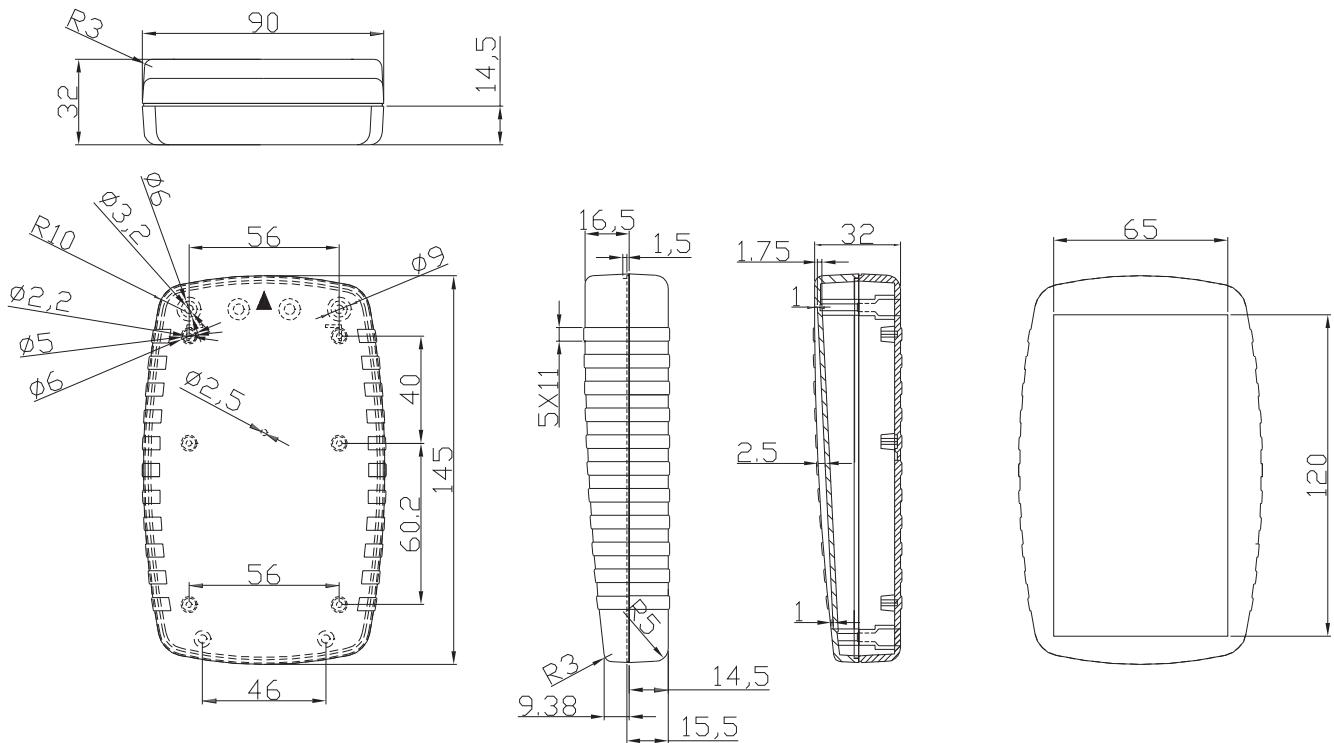
G0312

FEATURES:

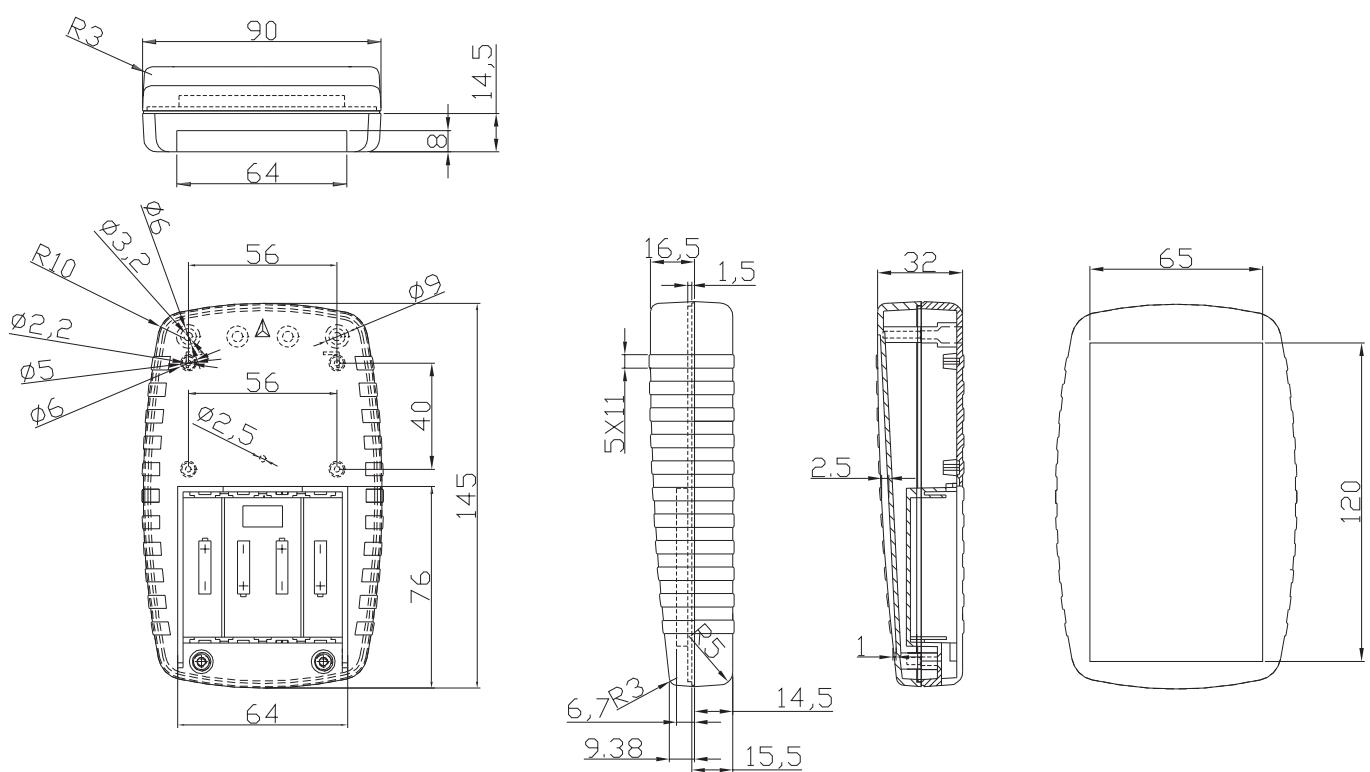
- Designed to accept two or four "AA" battery & 9V 216 type.
- G0310 => 2 AA Battery contact kit is optional for ordering.
- G0312 => 4 AA Battery contact kit is optional for ordering.
- G900B Clip => Black belt clip (*optional)
- G900G Clip => Grey belt clip (*optional)
- G858(G)TS & G858(B)TS - tilt stand is optional for selection.

ITEM No.	COLOR	RECESSED DISPLAY AREA	BATTERY COMPARTMENT	EXTERNAL DIMENSION(mm)
G500G	Grey	120 x 65 mm	NO	120 x 65 mm
G500B	Black	120 x 65 mm	NO	120 x 65 mm
G500G(BC)	Grey	120 x 65 mm	Yes	120 x 65 mm
G500B(BC)	Black	120 x 65 mm	Yes	120 x 65 mm
G503G	Grey	140 x 70 mm	NO	140 x 70 mm
G503B	Black	140 x 70 mm	NO	140 x 70 mm
G503G(BC)	Grey	140 x 70 mm	Yes	140 x 70 mm
G503B(BC)	Black	140 x 70 mm	Yes	140 x 70 mm

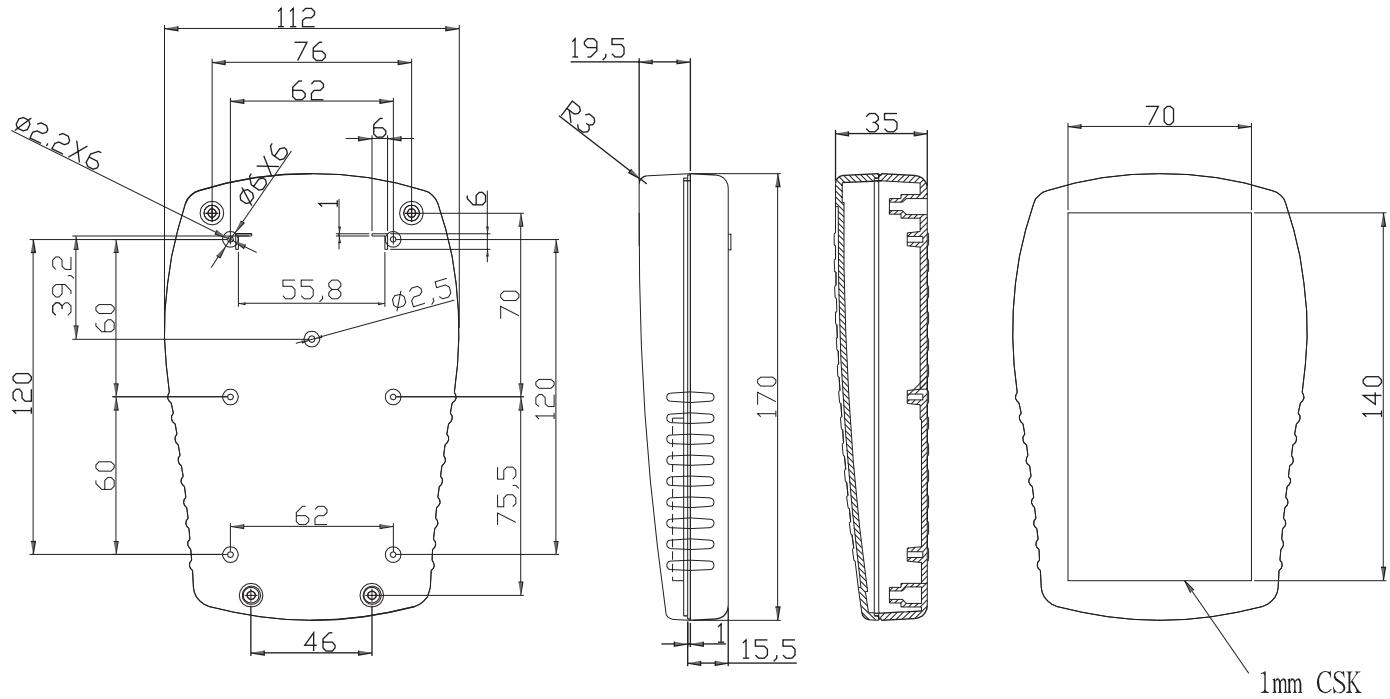
G500B/ G500G



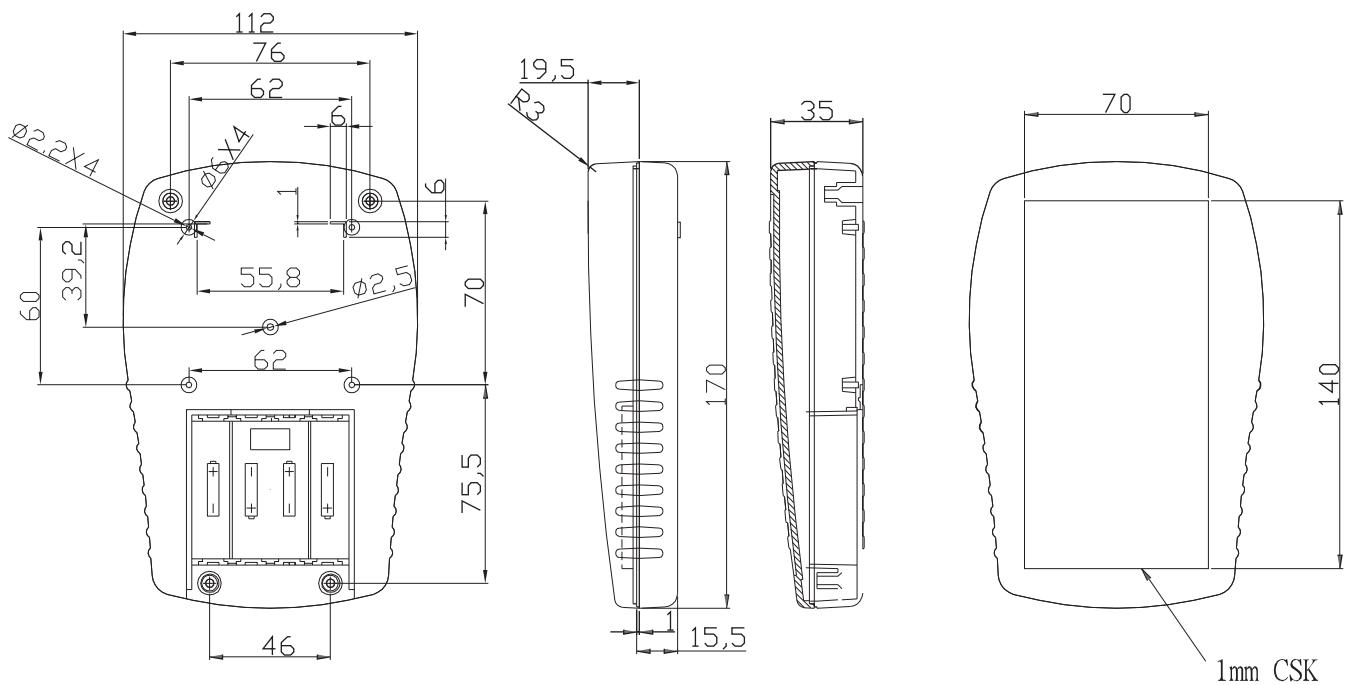
G500B(BC) / G500G(BC)



G503B/ G503G

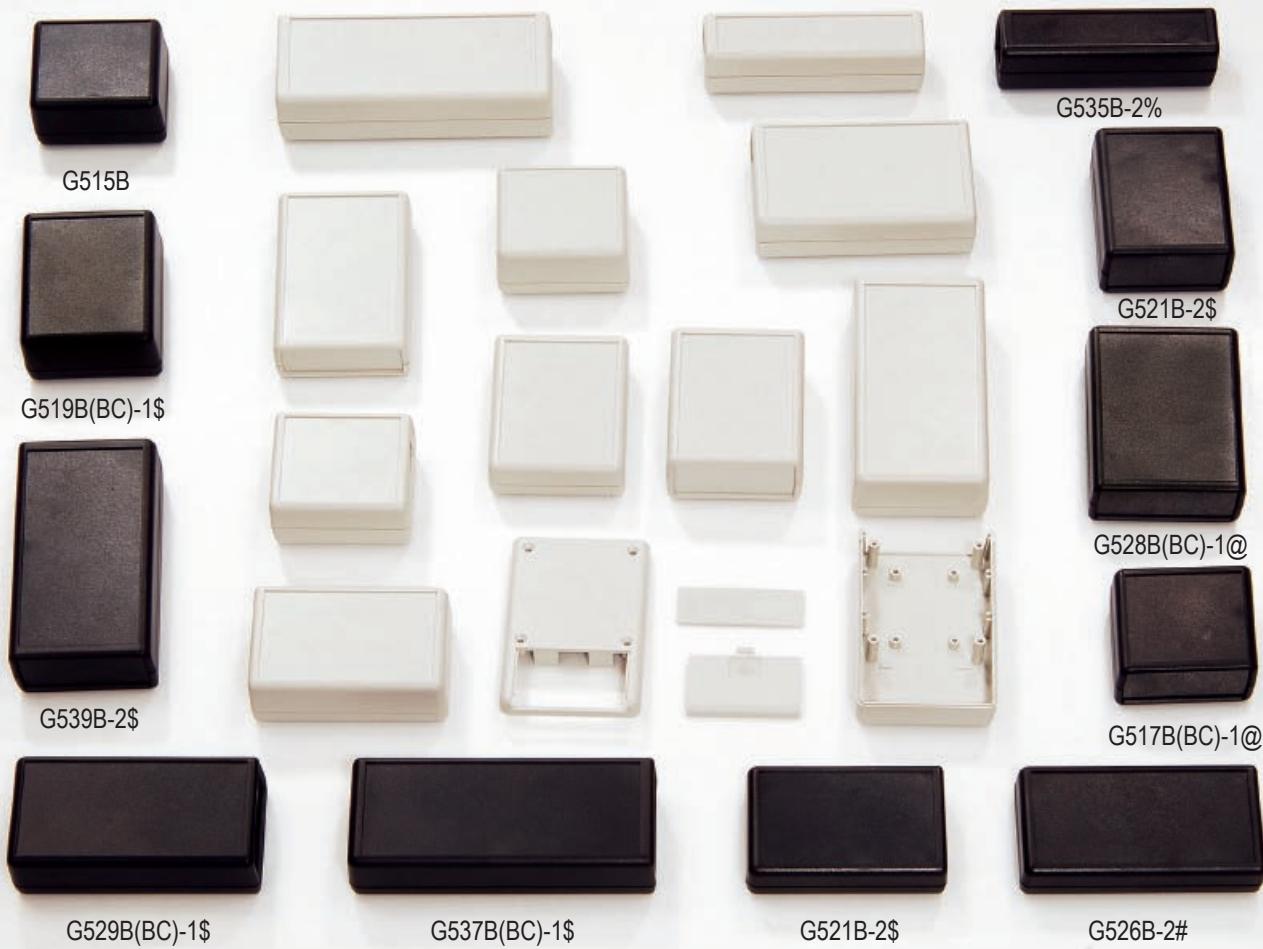


G503B(BC) / G503G(BC)



G5XX, TYPE B SERIES

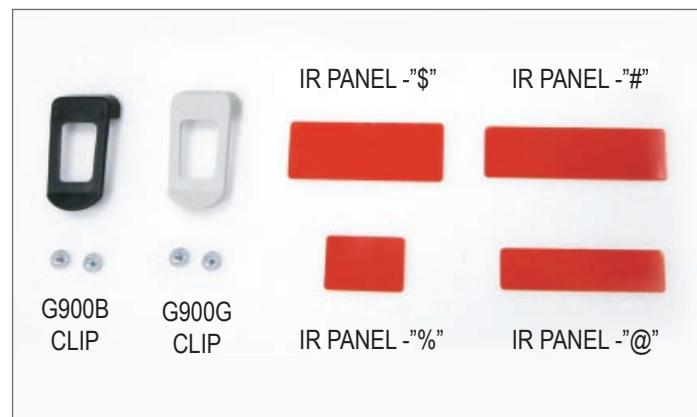
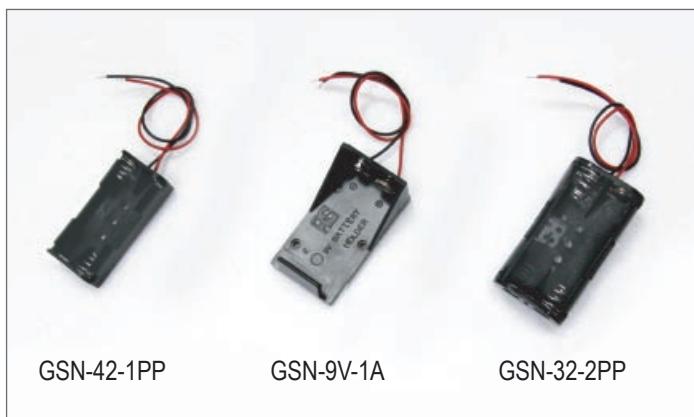
HAND-HELD ELECTRONIC ENCLOSURE



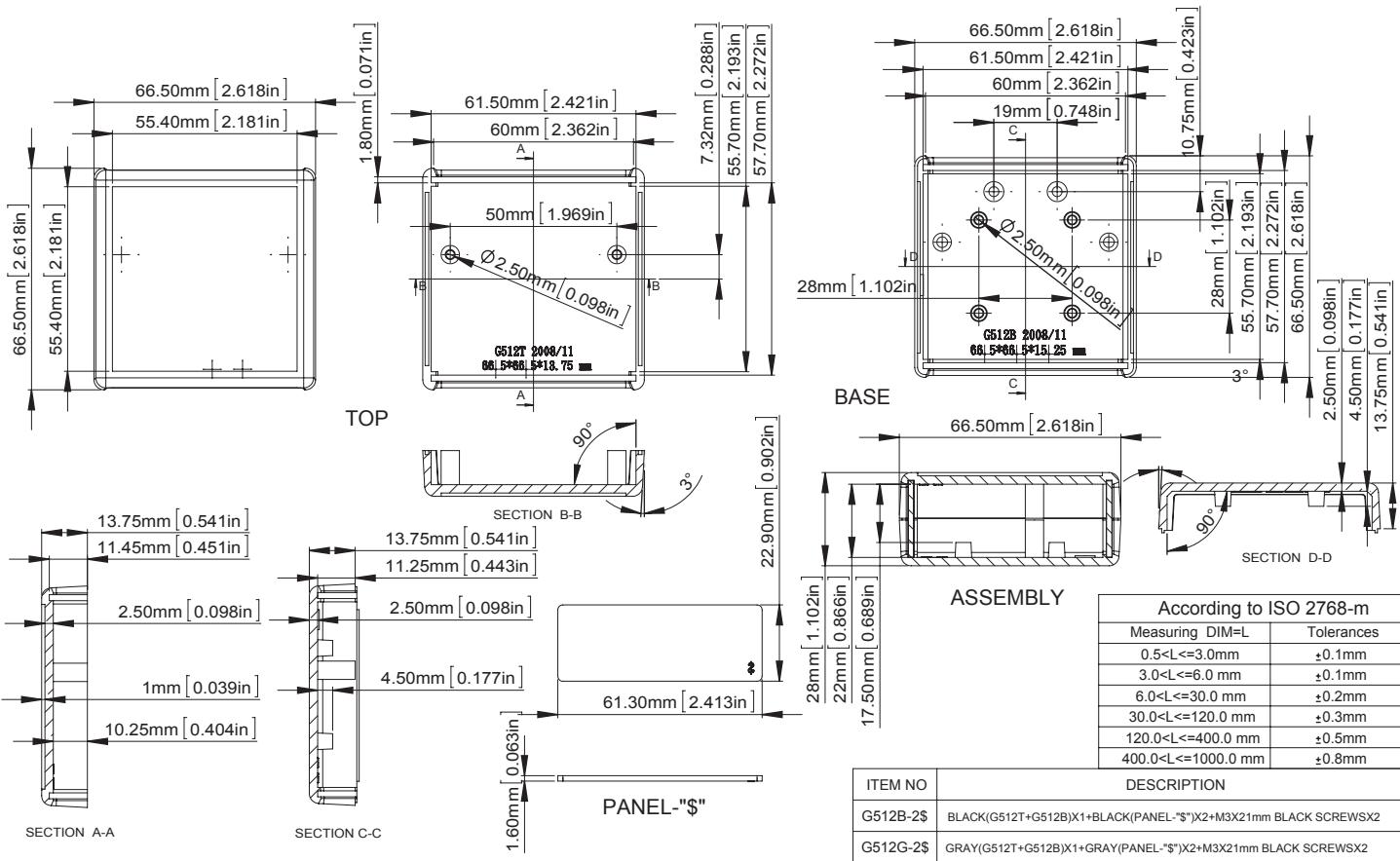
PRODUCT INFORMATION

- MATERIAL: High impact UL94-HB, ABS.
- Available in light grey and black colors.
- Ideally suitable for housing remote controls, medical devices ,scientific instruments or communications equipment.
- Recessed area in the top lid, ideally suitable for membrane keypad use.
- G517, G528 offer the battery compartment, and they are designed to accept two "AAA" batteries, our "GSN-42-1PP" – 2 X AAA battery holder with 150mm of wires is an optional item.
- G519, G529 & G537 offer the battery compartment, and they are designed to accept either 9V or two "AA".
- Batteries, our "GSN-32-2PP" – 2 X AA battery holder with 150mm of wires, and "GSN-9V-1A" – 9V battery holder with 150mm of wires are optional items.
- Flush panels (IR panel - "\$" ; "@" ; "%" ; "&") are available for selection.
- "G900B Clip" – black belt clip or "G900G Clip" – grey belt clip is also an optional item for G512, G515 , G517, G519, G521, G526, G528, G529, G537 & G539.

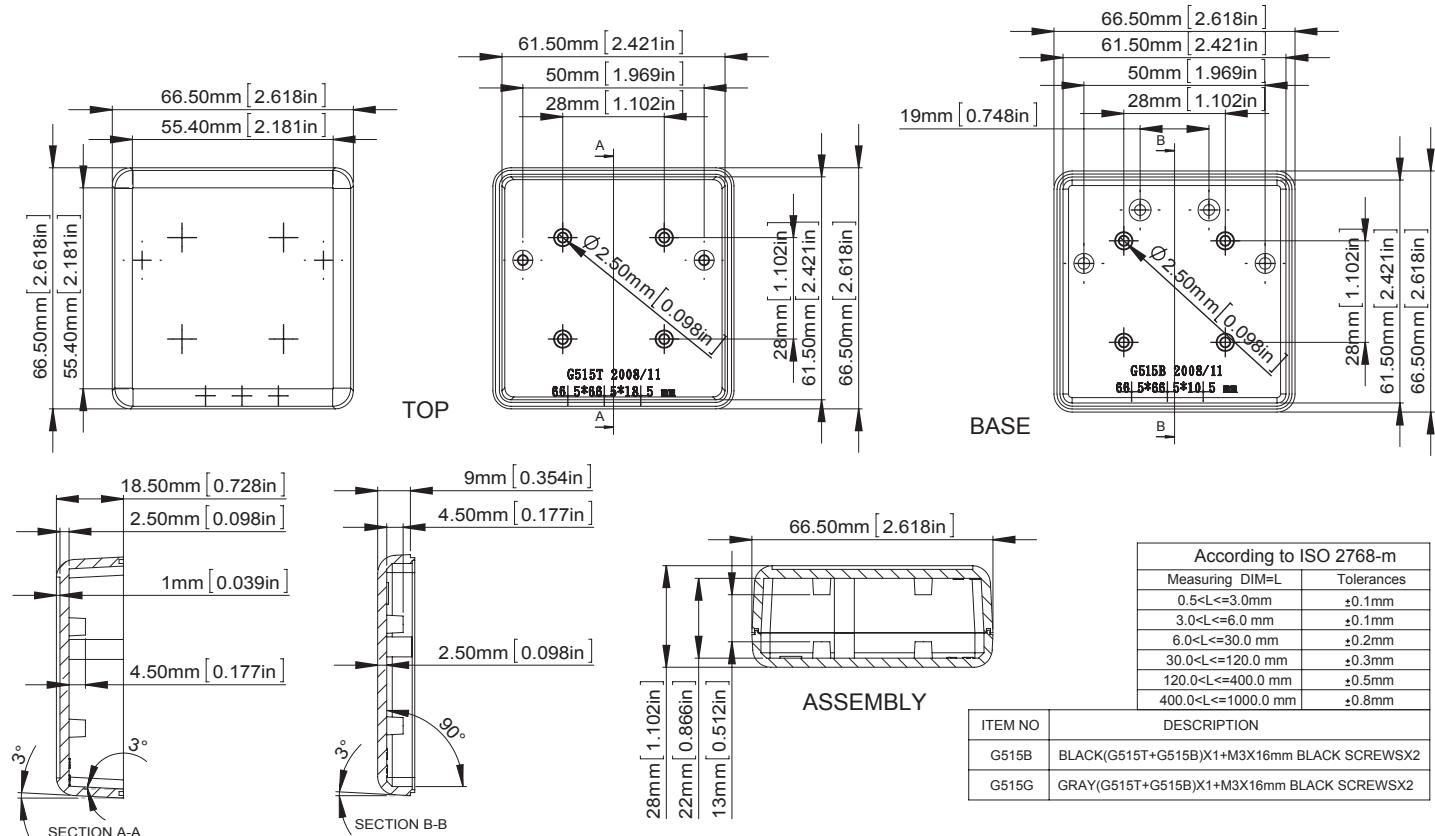
ITEM No.	EXTERNAL DIMENSION(mm)	DESCRIPTION
G512G-2\$	66.5 X 66.5 X 28	PLASTIC BOX ,GREY, WITH 2 END PANELS-"\$"
G512B-2\$	66.5 X 66.5 X 28	PLASTIC BOX,BLACK, WITH 2 END PANELS-"\$"
G515G	66.5 X 66.5 X 28	PLASTIC BOX,GREY
G515B	66.5 X 66.5 X 28	PLASTIC BOX,BLACK
G517G(BC)-1@	92 X 66.5 X 21	PLASTIC BOX,GREY, WITH 1 END PANEL- "@" AND BATTERY COMPARTMENT
G517B(BC)-1@	92 X 66.5 X 21	PLASTIC BOX,BLACK, WITH 1 END PANEL- "@" AND BATTERY COMPARTMENT
G519G(BC)-1\$	92 X 66.5 X 28	PLASTIC BOX,GREY, WITH 1 END PANEL- "\$" AND BATTERY COMPARTMENT
G519B(BC)-1\$	92 X 66.5 X 28	PLASTIC BOX,BLACK, WITH 1 END PANEL- "\$" AND BATTERY COMPARTMENT
G521G-2\$	92 X 66.5 X 28	PLASTIC BOX,GREY, WITH 2 END PANELS- "\$"
G521B-2\$	92 X 66.5 X 28	PLASTIC BOX,BLACK, WITH 2 END PANELS- "\$"
G526G-2#	111.3 X 75 X 25.2	PLASTIC BOX,GREY, WITH 2 END PANELS- "#"
G526B-2#	111.3 X 75 X 25.2	PLASTIC BOX,BLACK, WITH 2 END PANELS- "#"
G528G(BC)-1@	112 X 66.5 X 21	PLASTIC BOX,GREY, WITH 1 END PANEL- "@" AND BATTERY COMPARTMENT
G528B(BC)-1@	112 X 66.5 X 21	PLASTIC BOX,BLACK, WITH 1 END PANEL- "@" AND BATTERY COMPARTMENT
G529G(BC)-1\$	112 X 66.5 X 28	PLASTIC BOX,GREY, WITH 1 END PANEL- "\$" AND BATTERY COMPARTMENT
G529B(BC)-1\$	112 X 66.5 X 28	PLASTIC BOX,BLACK , WITH 1 END PANEL- "\$" AND BATTERY COMPARTMENT
G535G-2%	114 X 35.7 X 25.8	PLASTIC BOX,GREY, WITH 2 END PANELS- "%"
G535B-2%	114 X 35.7 X 25.8	PLASTIC BOX,BLACK, WITH 2 END PANELS- "%"
G537G(BC)-1\$	140 X 66.5 X 28	PLASTIC BOX,GREY, WITH 1 END PANEL- "\$" AND BATTERY COMPARTMENT
G537B(BC)-1\$	140 X 66.5 X 28	PLASTIC BOX,BLACK, WITH 1 END PANEL- "\$" AND BATTERY COMPARTMENT
G539G-2\$	140 X 66.5 X 28	PLASTIC BOX,GREY, WITH 2 END PANELS- "\$"
G539B-2\$	140 X 66.5 X 28	PLASTIC BOX,BLACK, WITH 2 END PANELS- "\$"
IR PANEL- ``\$``	61.2 X 22.9 X1.6	IR PANEL FOR G512,G519,G521,G529,G537,G539 USE
IR PANEL- ``@``	61.2 X 15.7 X1.6	IR PANEL FOR G517,G528 USE
IR PANEL- ``#``	69.7 X 19.9 X1.6	IR PANEL FOR G526 USE
IR PANEL- ``%``	30.4 X 20.5 X1.6	IR PANE FOR G535 USE



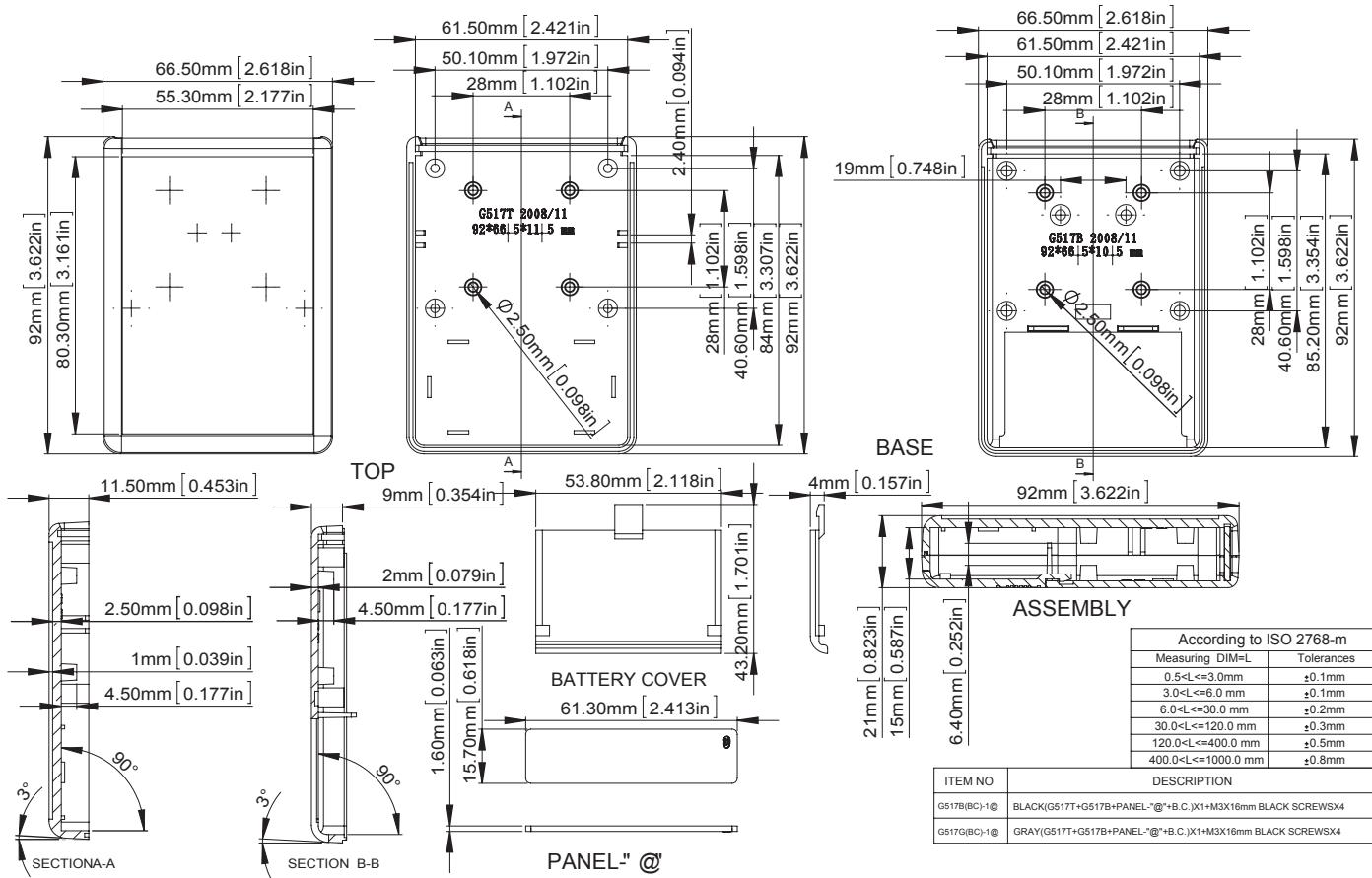
G512B-2\$ / G512G-2\$



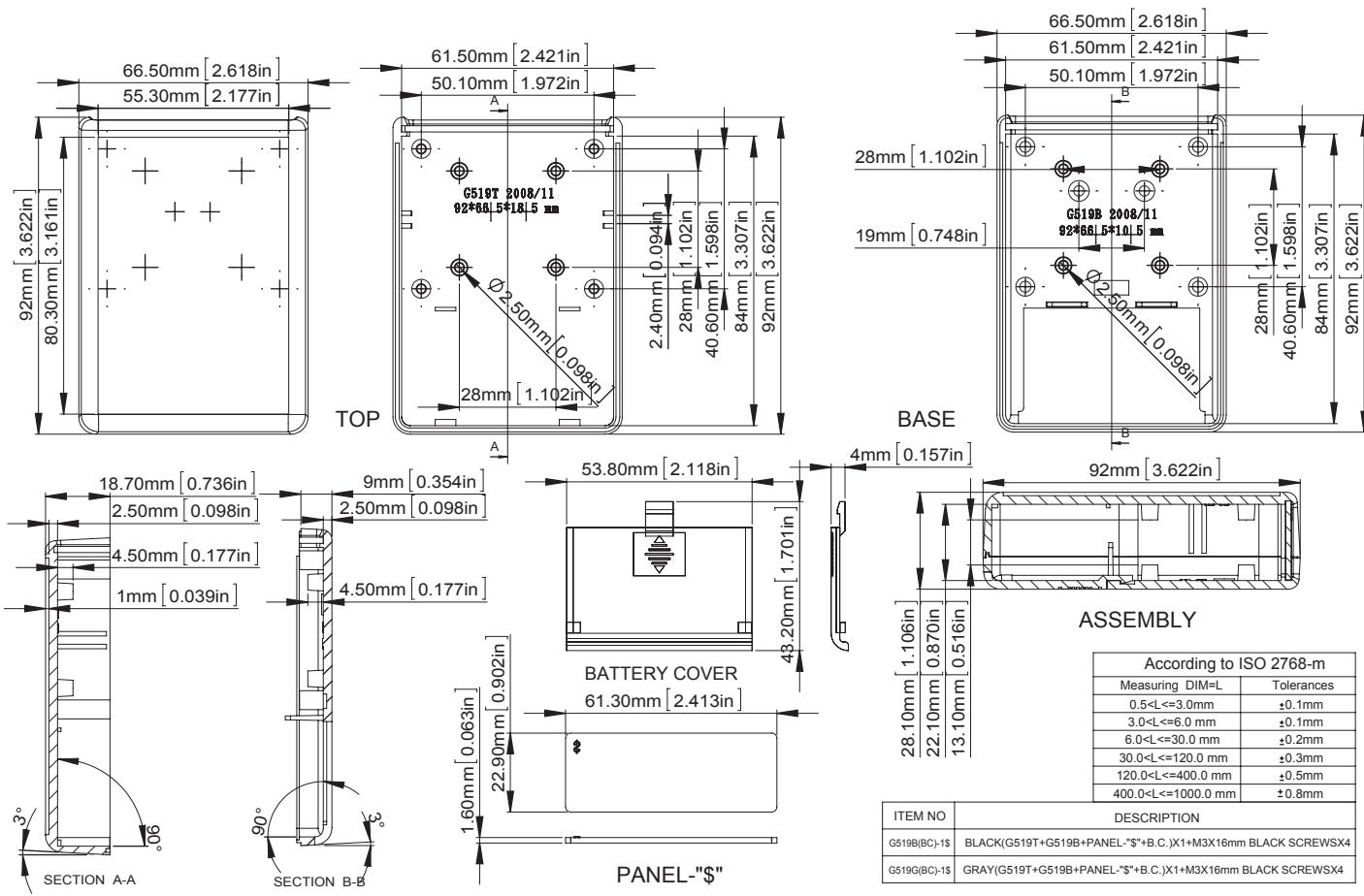
G515B / G515G



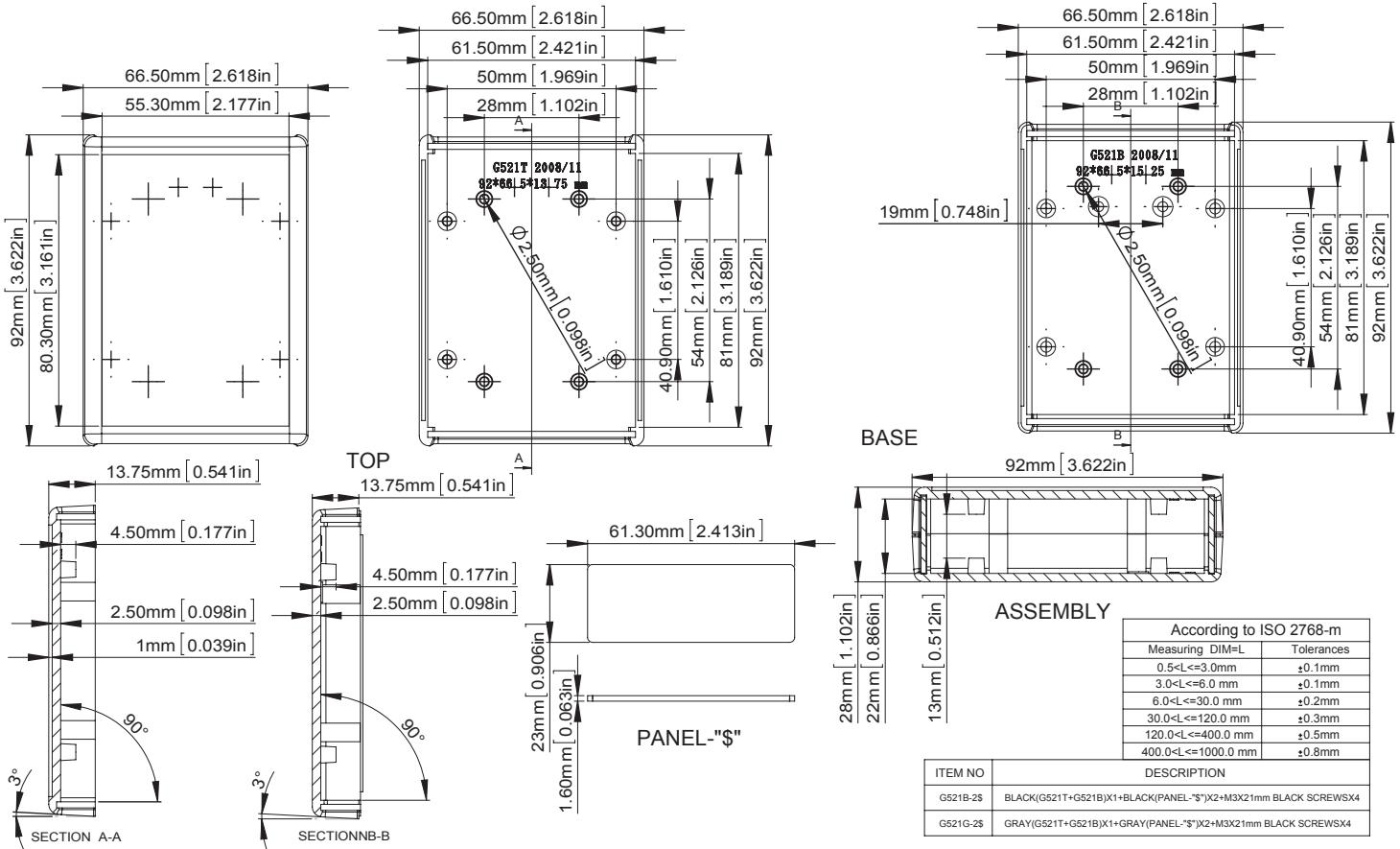
G517B(BC)-1@ / G517G(BC)-1@



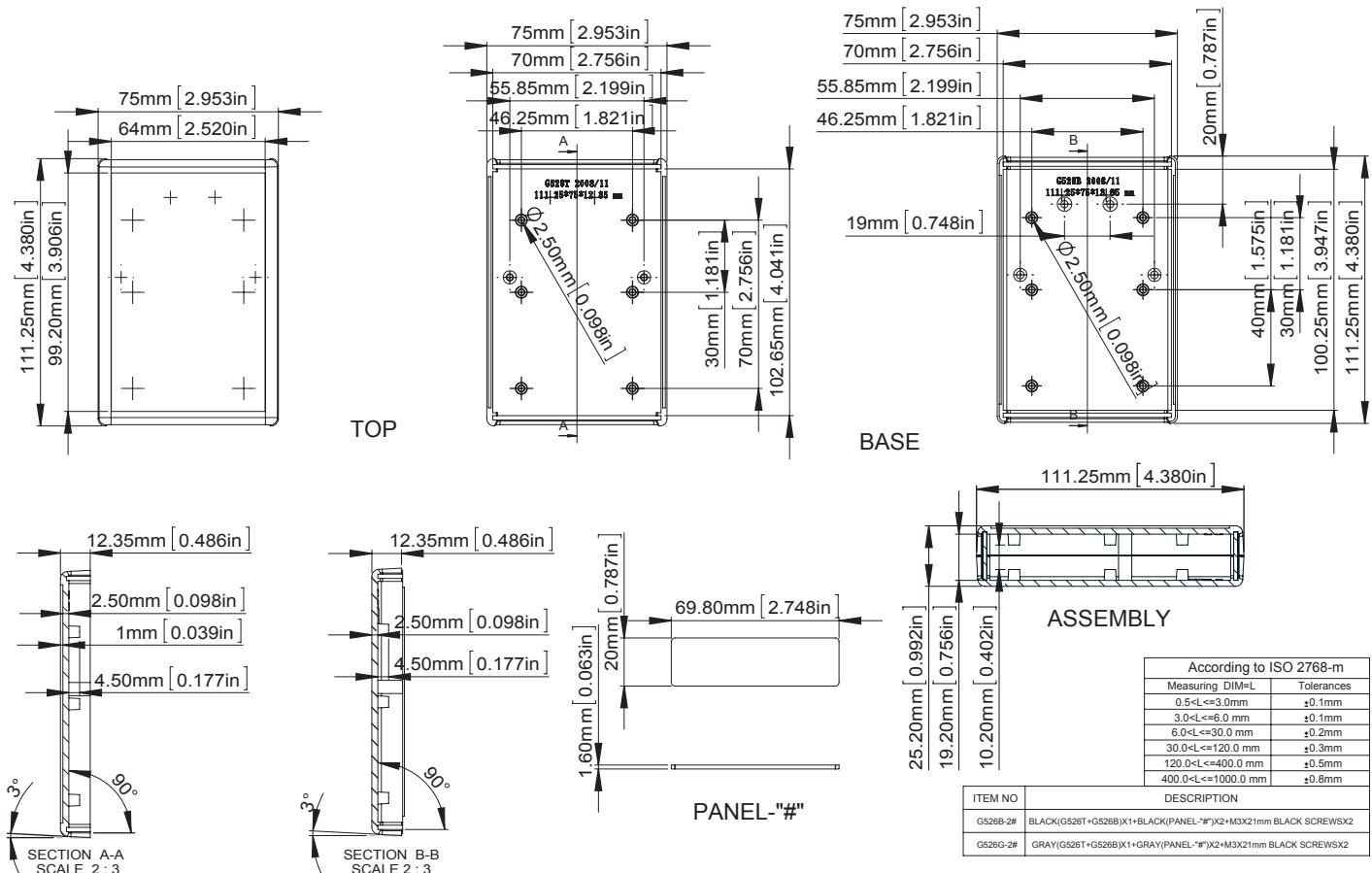
G519B(BC)-1\$ / G517G(BC)-1\$



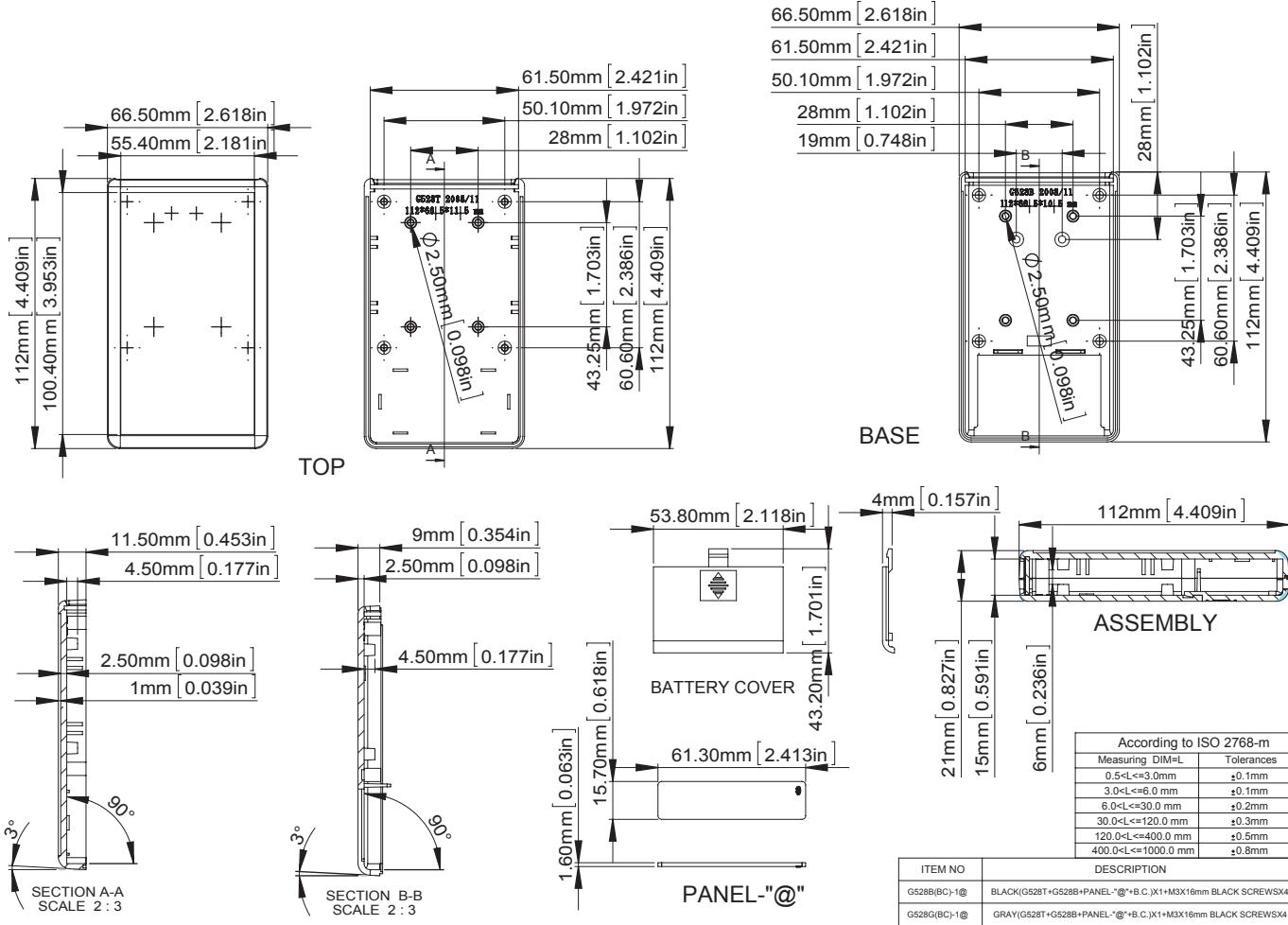
G521B-2\$ / G521G-2\$



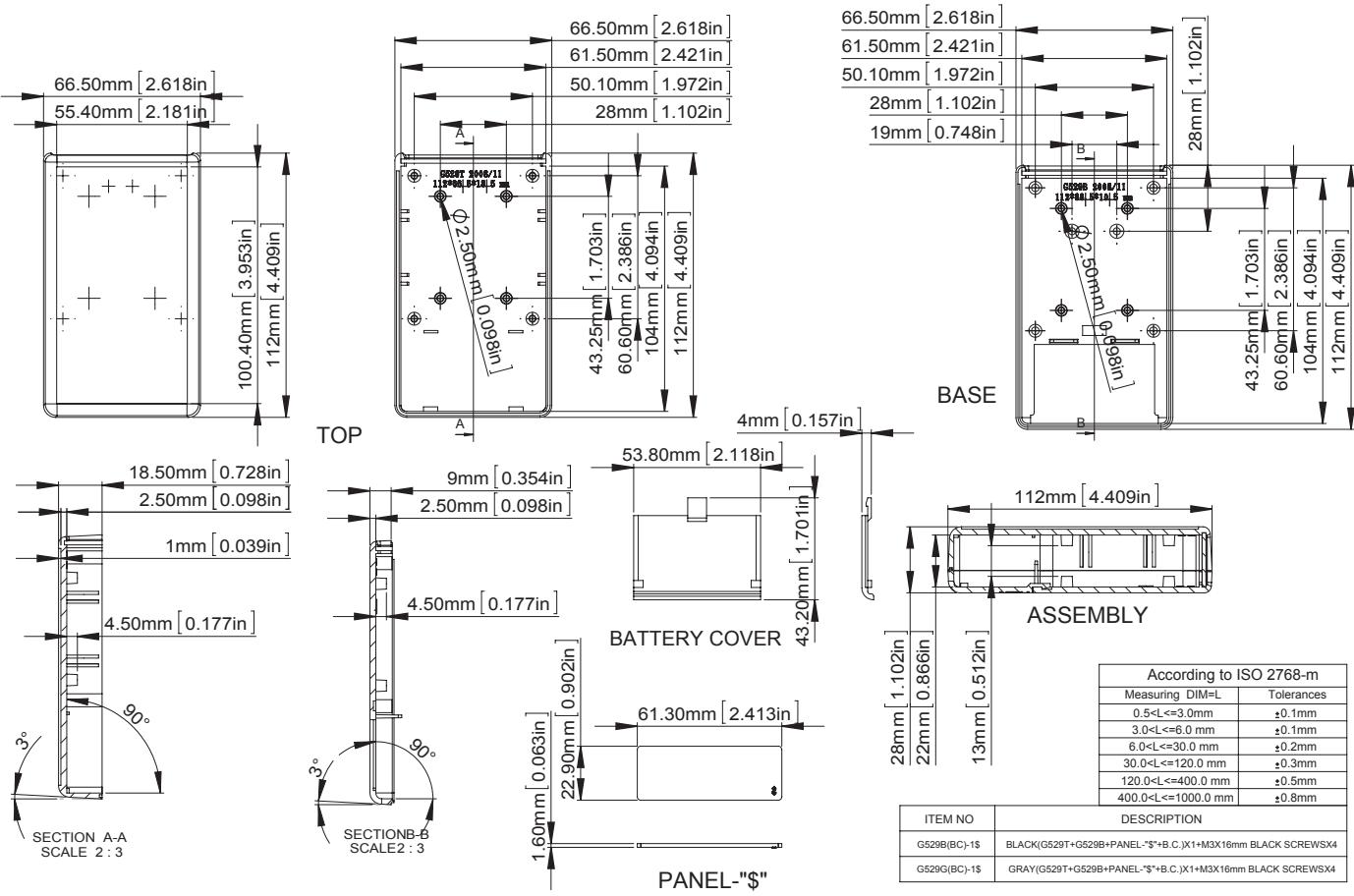
G526B-2# / G526G-2#



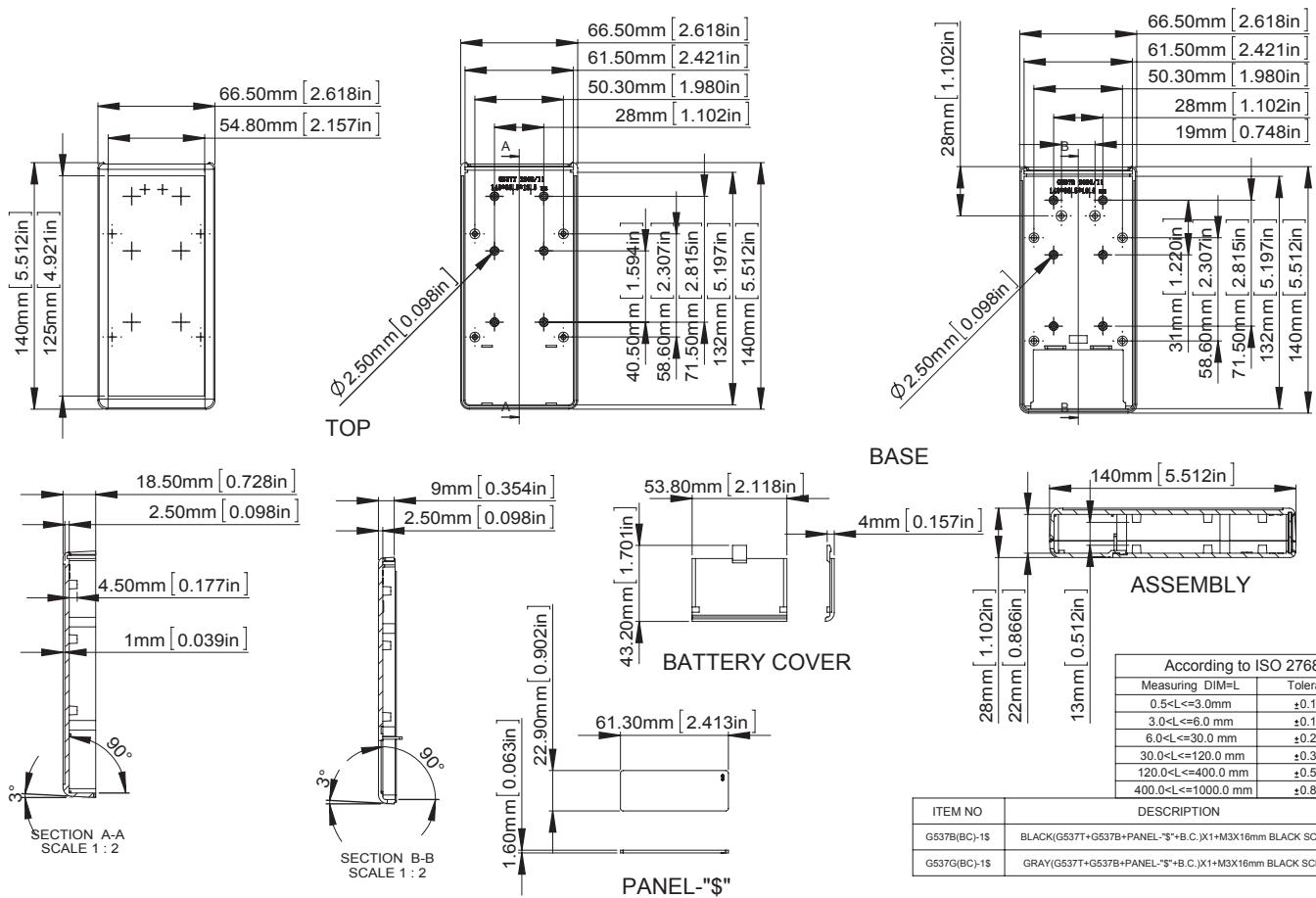
G528B(BC)-1@ / G528G(BC)-1@



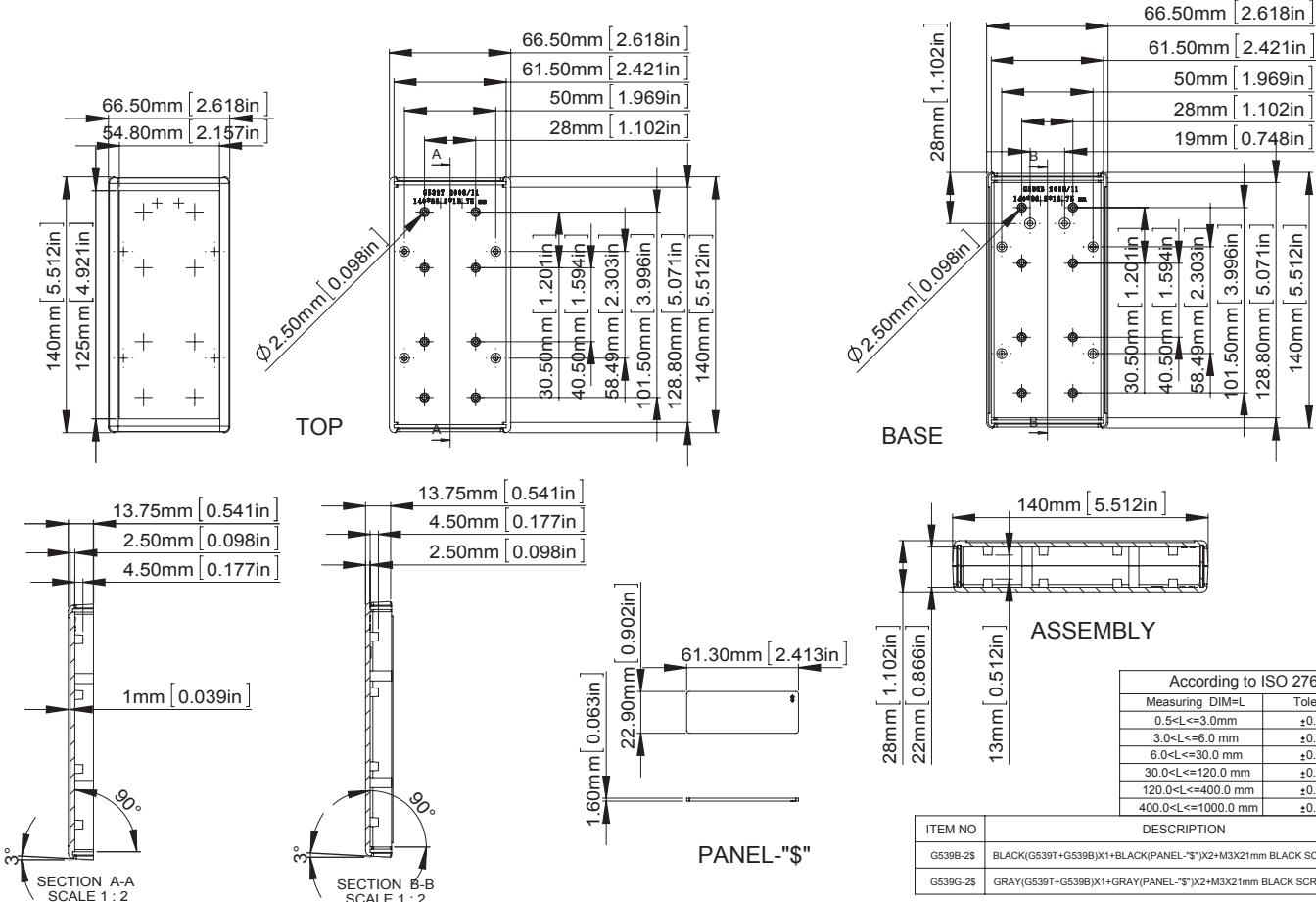
G529B(BC)-1\$ / G529G(BC)-1\$



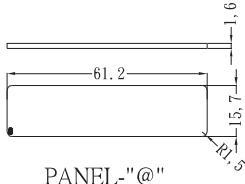
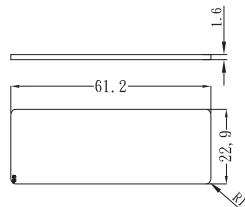
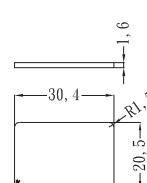
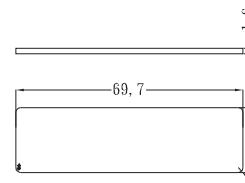
G537B(BC)-1\$ / G537G(BC)-1\$



G539B-2\$ / G539G-2\$

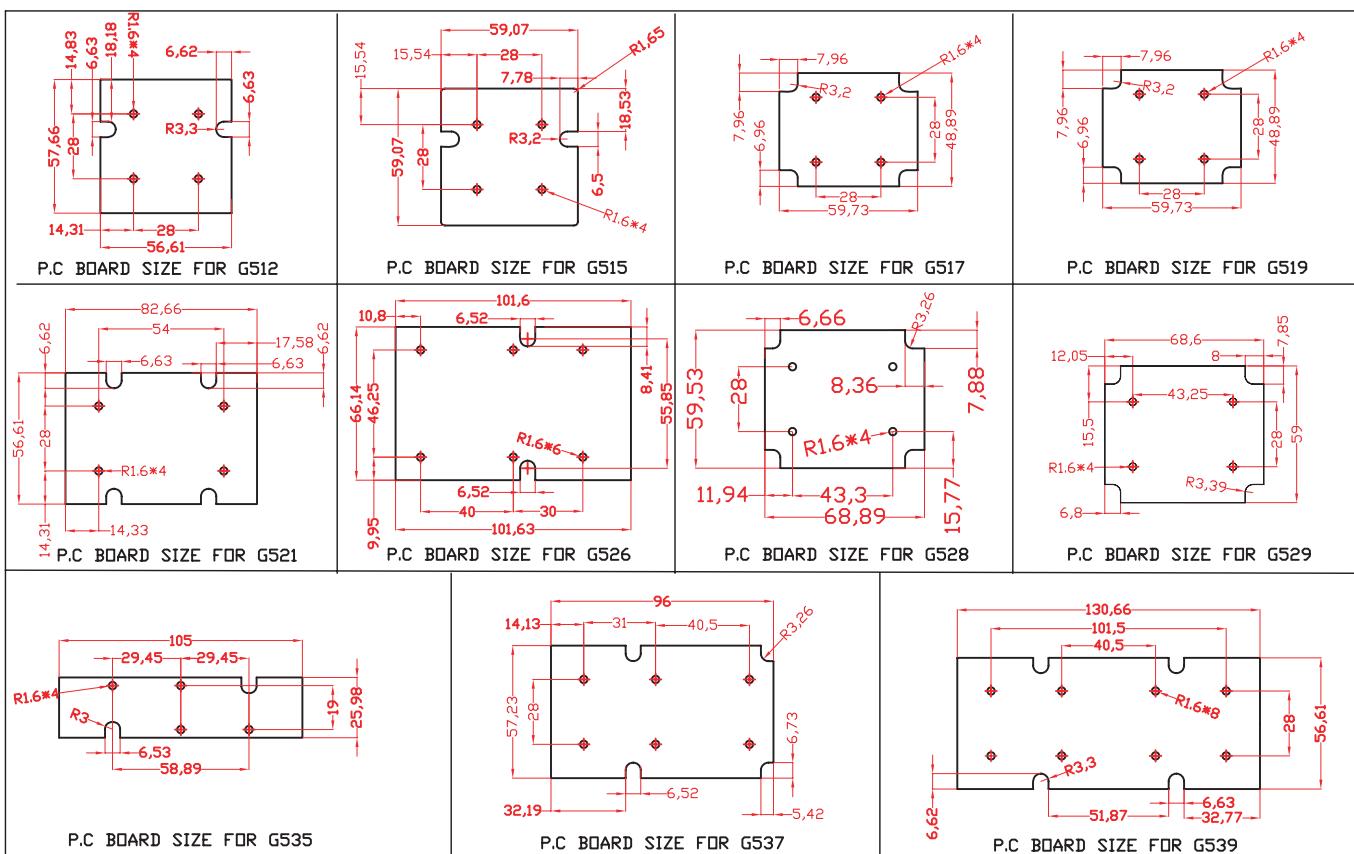


Panels (For G5XX TYPE B use)

 <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>ITEM NO</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>BK PANEL "-@"</td> <td>BLACK PANEL "-@" FOR G517(B(BC)/G528(B(BC) USE</td> </tr> <tr> <td>GY PANEL "-@"</td> <td>GRAY PANEL "-@" FOR G517G(B(BC)/G528G(B(BC) USE</td> </tr> <tr> <td>IR PANEL "-@"</td> <td>RED TRANSPARENT PANEL "-@" FOR G517(B(BC)/G528(B(BC) USE</td> </tr> </tbody> </table>	ITEM NO	DESCRIPTION	BK PANEL "-@"	BLACK PANEL "-@" FOR G517(B(BC)/G528(B(BC) USE	GY PANEL "-@"	GRAY PANEL "-@" FOR G517G(B(BC)/G528G(B(BC) USE	IR PANEL "-@"	RED TRANSPARENT PANEL "-@" FOR G517(B(BC)/G528(B(BC) USE	 <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>ITEM NO</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>BK PANEL "-\$"</td> <td>BLACK PANEL "-\$" FOR G512B/G519B(B(BC)/G521B/G529B(B(BC)/G537B(B(BC)/G539B USE</td> </tr> <tr> <td>GY PANEL "-\$"</td> <td>GRAY PANEL "-\$" FOR G512G/G519G(B(BC)/G521G/G529G(B(BC)/G537G(B(BC)/G539G USE</td> </tr> <tr> <td>IR PANEL "-\$"</td> <td>RED TRANSPARENT PANEL "-\$" FOR G512 G519 G521 G529 G537 G539 USE</td> </tr> </tbody> </table>	ITEM NO	DESCRIPTION	BK PANEL "-\$"	BLACK PANEL "-\$" FOR G512B/G519B(B(BC)/G521B/G529B(B(BC)/G537B(B(BC)/G539B USE	GY PANEL "-\$"	GRAY PANEL "-\$" FOR G512G/G519G(B(BC)/G521G/G529G(B(BC)/G537G(B(BC)/G539G USE	IR PANEL "-\$"	RED TRANSPARENT PANEL "-\$" FOR G512 G519 G521 G529 G537 G539 USE
ITEM NO	DESCRIPTION																
BK PANEL "-@"	BLACK PANEL "-@" FOR G517(B(BC)/G528(B(BC) USE																
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IR PANEL "-@"	RED TRANSPARENT PANEL "-@" FOR G517(B(BC)/G528(B(BC) USE																
ITEM NO	DESCRIPTION																
BK PANEL "-\$"	BLACK PANEL "-\$" FOR G512B/G519B(B(BC)/G521B/G529B(B(BC)/G537B(B(BC)/G539B USE																
GY PANEL "-\$"	GRAY PANEL "-\$" FOR G512G/G519G(B(BC)/G521G/G529G(B(BC)/G537G(B(BC)/G539G USE																
IR PANEL "-\$"	RED TRANSPARENT PANEL "-\$" FOR G512 G519 G521 G529 G537 G539 USE																
 <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>ITEM NO</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>BK PANEL "-%"</td> <td>BLACK PANEL "-%" FOR G535B USE</td> </tr> <tr> <td>GY PANEL "-%"</td> <td>GRAY PANEL "-%" FOR G535G USE</td> </tr> <tr> <td>IR PANEL "-%"</td> <td>RED TRANSPARENT PANEL "-%" FOR G535 USE</td> </tr> </tbody> </table>	ITEM NO	DESCRIPTION	BK PANEL "-%"	BLACK PANEL "-%" FOR G535B USE	GY PANEL "-%"	GRAY PANEL "-%" FOR G535G USE	IR PANEL "-%"	RED TRANSPARENT PANEL "-%" FOR G535 USE	 <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>ITEM NO</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>BK PANEL "-#"</td> <td>BLACK PANEL "-#" FOR G526B USE</td> </tr> <tr> <td>GY PANEL "-#"</td> <td>GRAY PANEL "-#" FOR G526G USE</td> </tr> <tr> <td>IR PANEL "-#"</td> <td>RED TRANSPARENT PANEL "-#" FOR G526 USE</td> </tr> </tbody> </table>	ITEM NO	DESCRIPTION	BK PANEL "-#"	BLACK PANEL "-#" FOR G526B USE	GY PANEL "-#"	GRAY PANEL "-#" FOR G526G USE	IR PANEL "-#"	RED TRANSPARENT PANEL "-#" FOR G526 USE
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GY PANEL "-#"	GRAY PANEL "-#" FOR G526G USE																
IR PANEL "-#"	RED TRANSPARENT PANEL "-#" FOR G526 USE																

According to ISO 2768-m			
Measuring DIM.=L	Tolerance	Measuring DIM.=L	Tolerance
0.5 < L ≤ 3.0 mm	±0.1 mm	30.0 < L ≤ 20.0 mm	±0.3 mm
3.0 < L ≤ 6.0 mm	±0.1 mm	120.0 < L ≤ 400.0 mm	±0.5 mm
6.0 < L ≤ 30.0 mm	±0.2 mm	400.0 < L ≤ 1000.0 mm	±0.8 mm

Recommended P.C board size for G5XX TYPE B series use



DESKTOP IP54 PLASTIC CASES



PRODUCT INFORMATION

MATERIAL:

- High impact ABS UL94-HB and UL94-V0 are available in different color.

FEATURES:

- Desktop ABS instrument cases with moulded PCB stand-offs, vertical card guides and brass inserts for repetitive assembly/disassembly.
- Four M3 screws and rubber feet are provided. (Except G738, G738A, G706, G706A).

MATERIAL: ABS, UL94-HB

TYPE A: with PLASTIC PANEL

ITEM No.	COLOR		RUBBER FEET
	LID/BASE	PLASTIC PANEL	
G738	Light Grey	Black	No
G747	Light Grey	Black	Yes
G748	Light Grey	Black	Yes
G749	Light Grey	Black	Yes
G750	Light Grey	Black	Yes
G751	Light Grey	Black	Yes
G752	Light Grey	Black	Yes
G753	Light Grey	Black	Yes
G754	Light Grey	Black	Yes
G758	Light Grey	Black	Yes
G758V	Light Grey	Black	Yes
G756	Light Grey	Black	Yes
G756V	Light Grey	Black	Yes

EXTERNAL DIMENSION(mm)
140 x 110 x 35
225 x 165 x 40
225 x 165 x 65
225 x 165 x 90
245 x 175 x 50
245 x 175 x 70
245 x 175 x 90
260 x 180 x 85
260 x 180 x 105
260 x 180 x 65
260 x 180 x 65
300 x 200 x 75
300 x 200 x 75

TYPE B: with ALUMINIUM PANEL

ITEM No.	COLOR		RUBBER FEET
	LID/BASE	ALUMINIUM PANEL	
G738A	Light Grey	Natural	No
G747A	Light Grey	Natural	Yes
G748A	Light Grey	Natural	Yes
G749A	Light Grey	Natural	Yes
G750A	Light Grey	Natural	Yes
G751A	Light Grey	Natural	Yes
G752A	Light Grey	Natural	Yes
G753A	Light Grey	Natural	Yes
G754A	Light Grey	Natural	Yes
G758A	Light Grey	Natural	Yes
G758AV	Light Grey	Natural	Yes
G756A	Light Grey	Natural	Yes
G756AV	Light Grey	Natural	Yes

MATERIAL: ABS, UL94-V0

TYPE A: with PLASTIC PANEL

ITEM No.	COLOR		RUBBER FEET
	LID/BASE	PLASTIC PANEL	
G706	Dark Grey	Light Grey	No
G715	Dark Grey	Light Grey	Yes
G716	Dark Grey	Light Grey	Yes
G717	Dark Grey	Light Grey	Yes
G720	Dark Grey	Light Grey	Yes
G721	Dark Grey	Light Grey	Yes
G722	Dark Grey	Light Grey	Yes
G731	Dark Grey	Light Grey	Yes
G733	Dark Grey	Light Grey	Yes
G729	Dark Grey	Light Grey	Yes
G729V	Dark Grey	Light Grey	Yes
G735	Dark Grey	Light Grey	Yes
G735V	Dark Grey	Light Grey	Yes

EXTERNAL DIMENSION(mm)
140 x 110 x 35
225 x 165 x 40
225 x 165 x 65
225 x 165 x 90
245 x 175 x 50
245 x 175 x 70
245 x 175 x 90
260 x 180 x 85
260 x 180 x 105
260 x 180 x 65
260 x 180 x 65
300 x 200 x 75
300 x 200 x 75

TYPE B: with ALUMINIUM PANEL

ITEM No.	COLOR		RUBBER FEET
	LID/BASE	ALUMINIUM PANEL	
G706A	Dark Grey	Natural	No
G715A	Dark Grey	Natural	Yes
G716A	Dark Grey	Natural	Yes
G717A	Dark Grey	Natural	Yes
G720A	Dark Grey	Natural	Yes
G721A	Dark Grey	Natural	Yes
G722A	Dark Grey	Natural	Yes
G731A	Dark Grey	Natural	Yes
G733A	Dark Grey	Natural	Yes
G729A	Dark Grey	Natural	Yes
G729AV	Dark Grey	Natural	Yes
G735A	Dark Grey	Natural	Yes
G735AV	Dark Grey	Natural	Yes

NOTE:

- Stock No. with "A" at the end is case with aluminium panels.
- Stock No. with "V" at the end is case with venting holes.

Example



G738



G738A



G706



G706A



G729AV

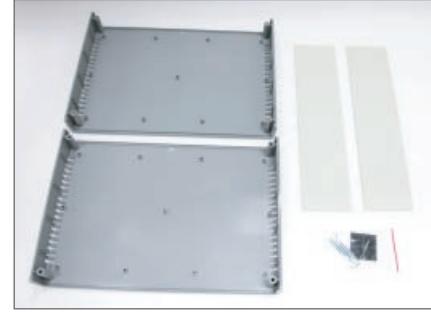
Content



G706

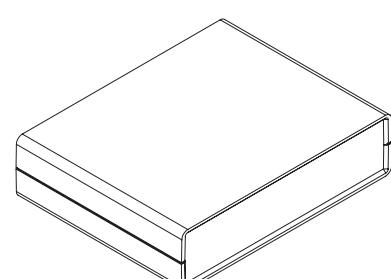
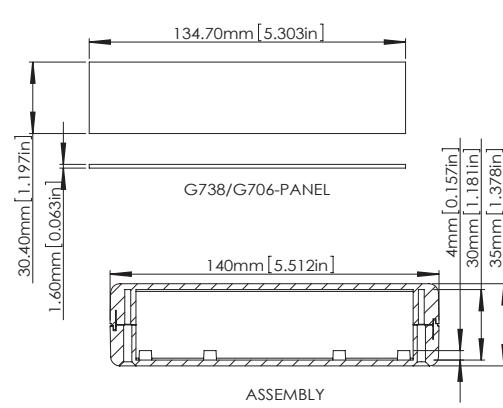
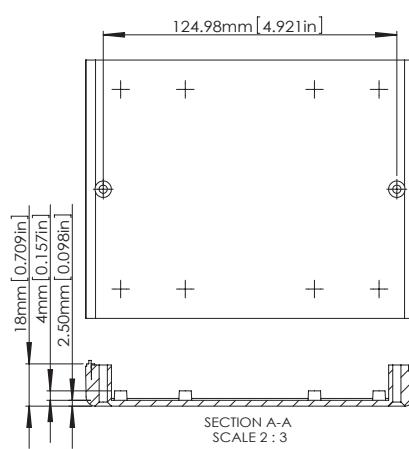
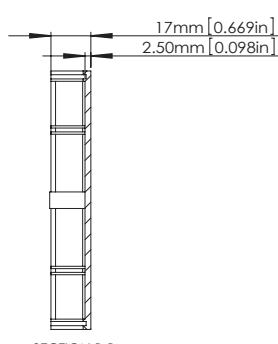
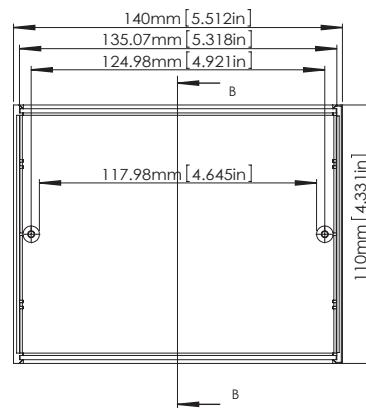
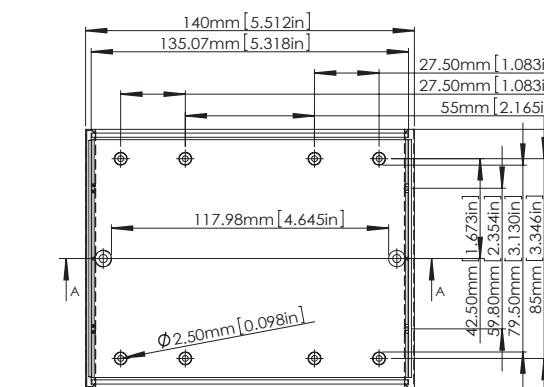


G738A



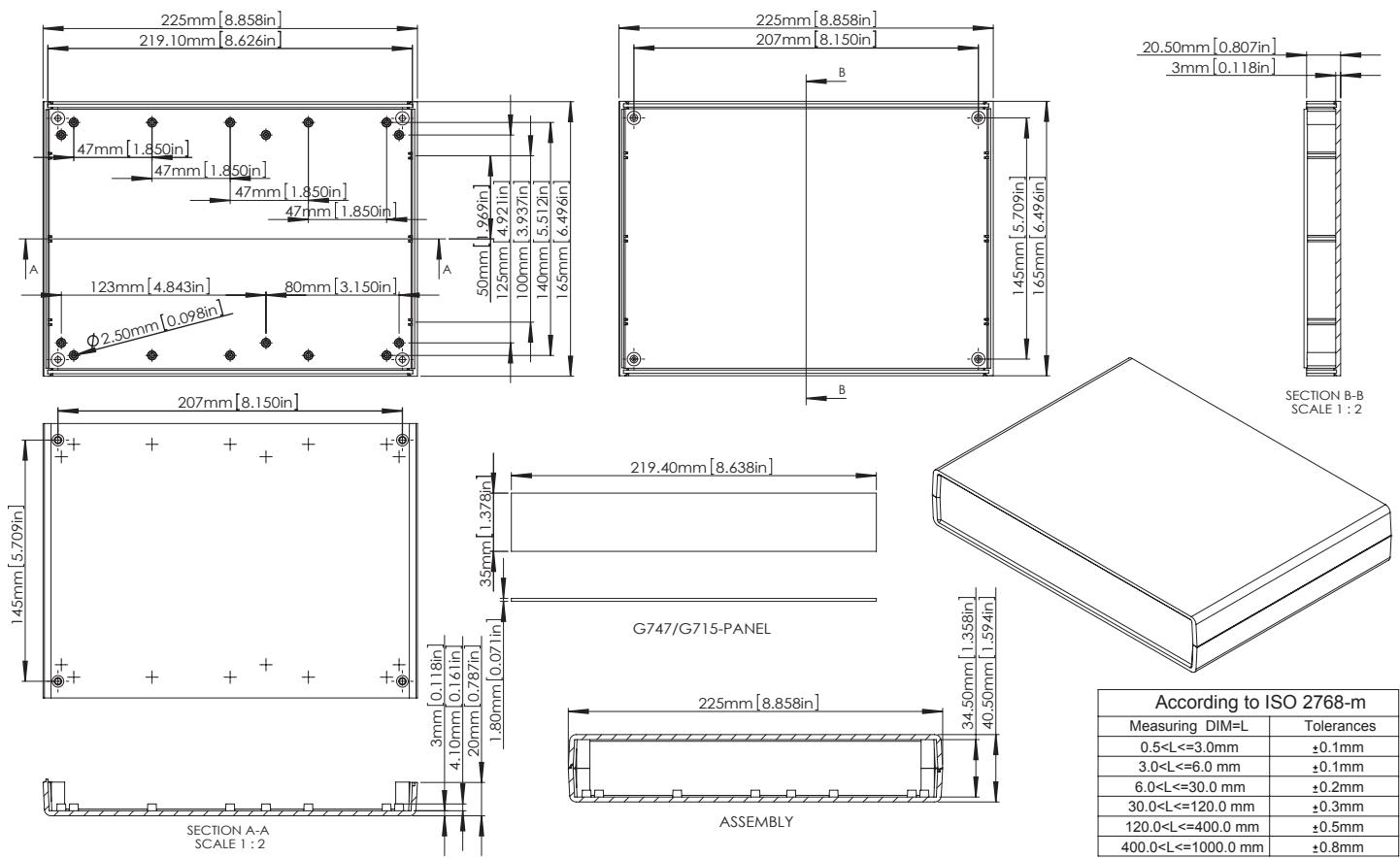
G729V

G738 / G706

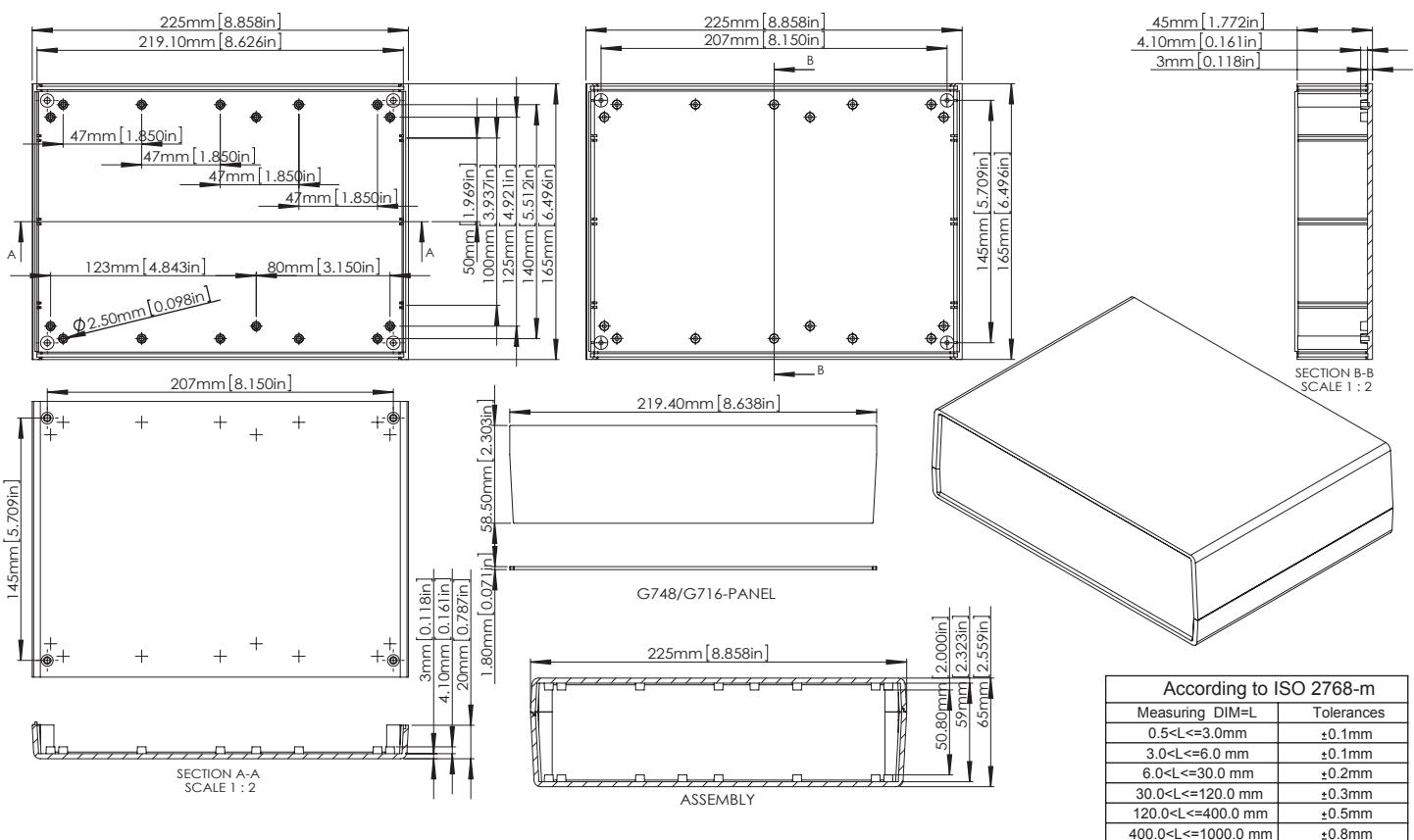


According to ISO 2768-m		
Measuring	DIM=L	Tolerances
0.5<L<=3.0mm		$\pm 0.1\text{mm}$
3.0<L<=6.0 mm		$\pm 0.1\text{mm}$
6.0<L<=30.0 mm		$\pm 0.2\text{mm}$
30.0<L<=120.0 mm		$\pm 0.3\text{mm}$
120.0<L<=400.0 mm		$\pm 0.5\text{mm}$
400.0<L<=1000.0 mm		$\pm 0.8\text{mm}$

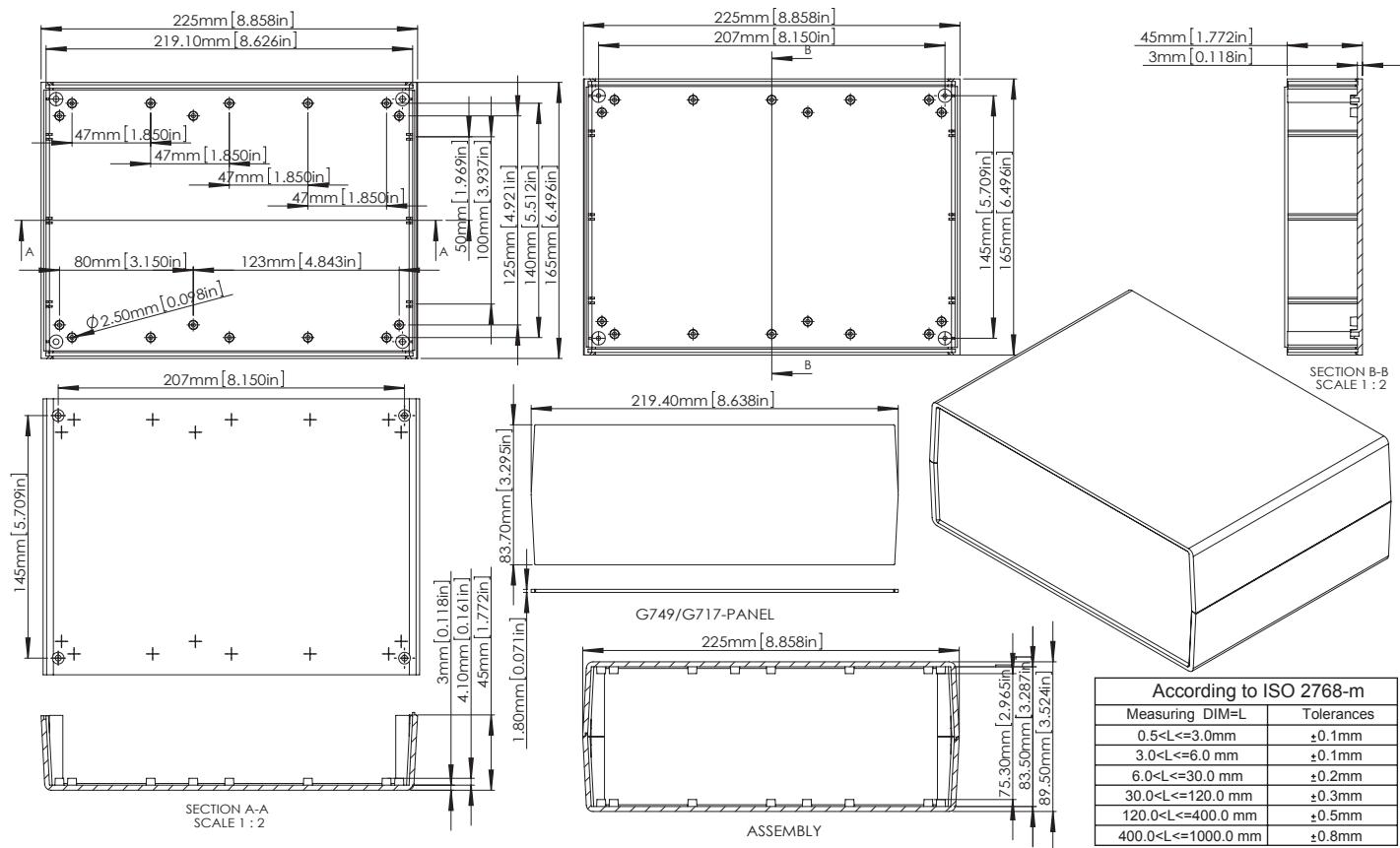
G747 / G715



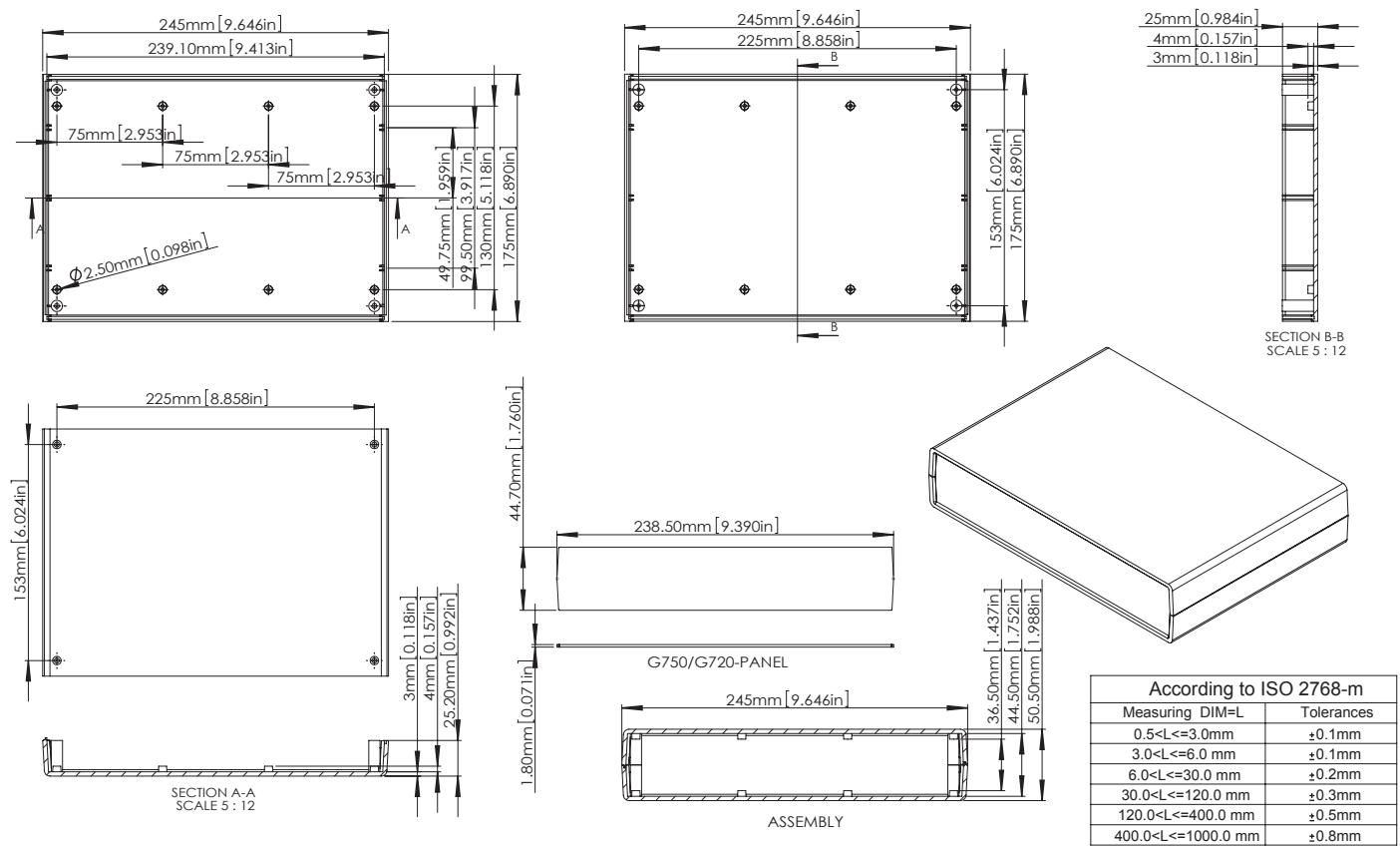
G748 / G716



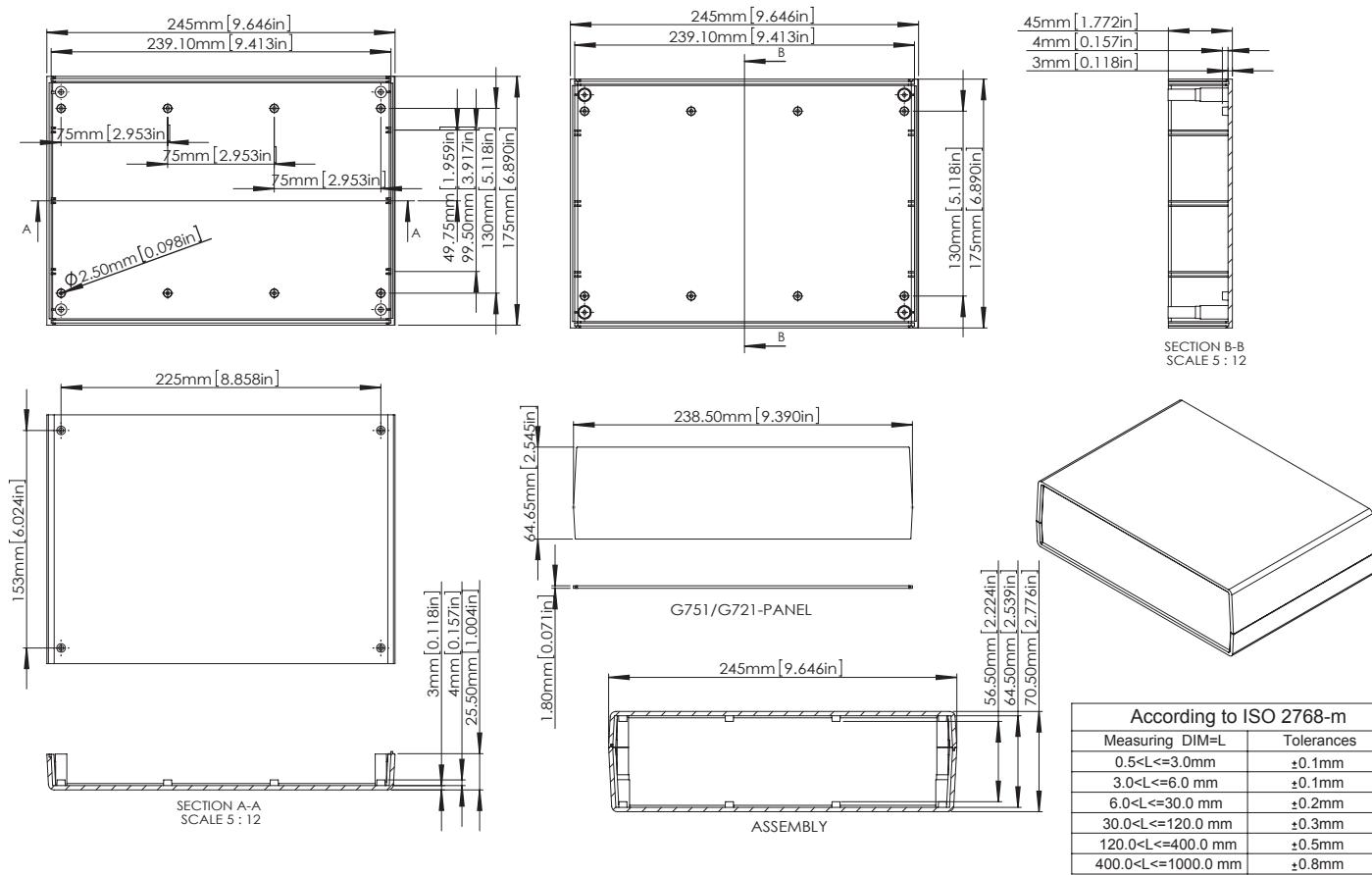
G749 / G717



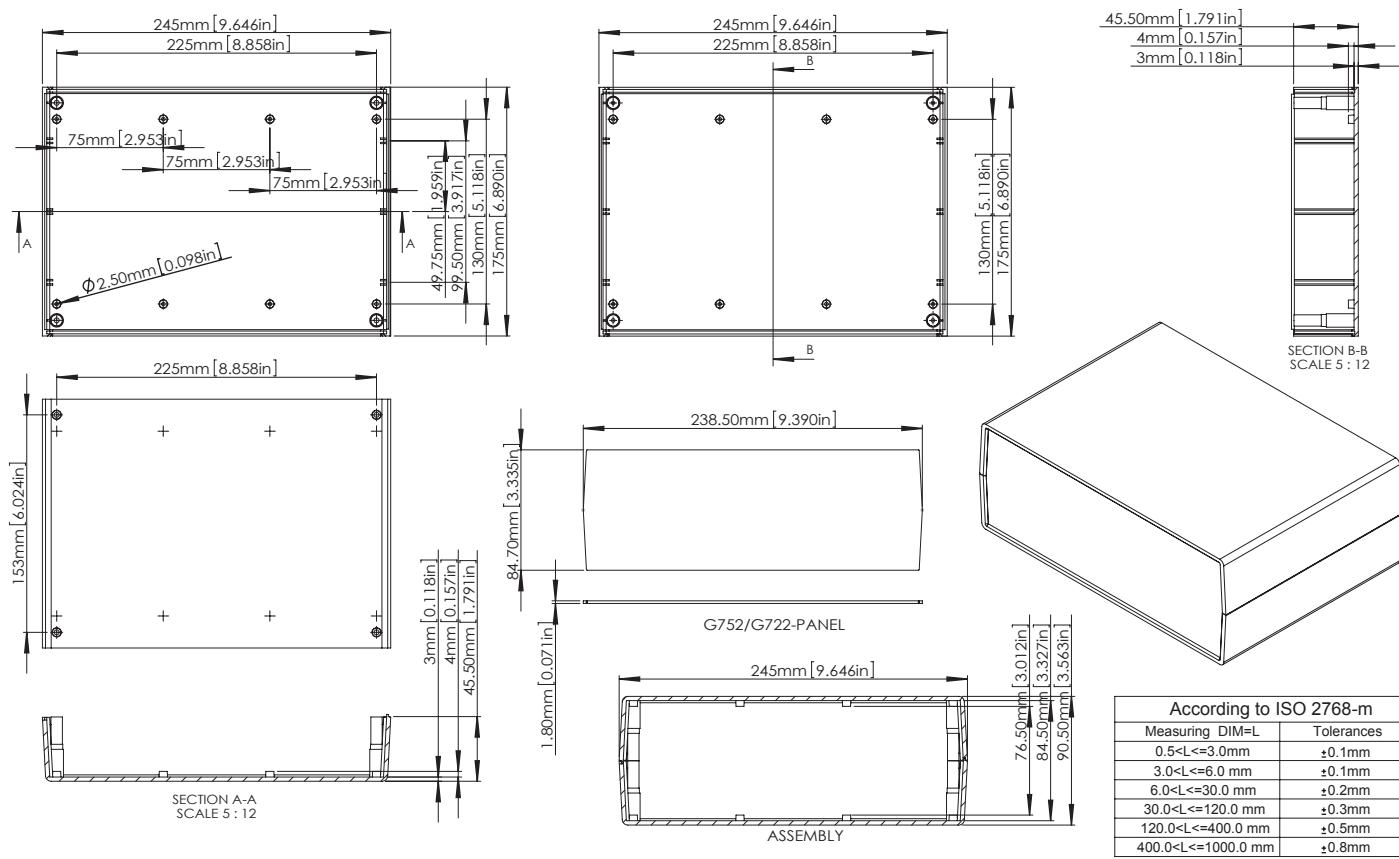
G750 / G720



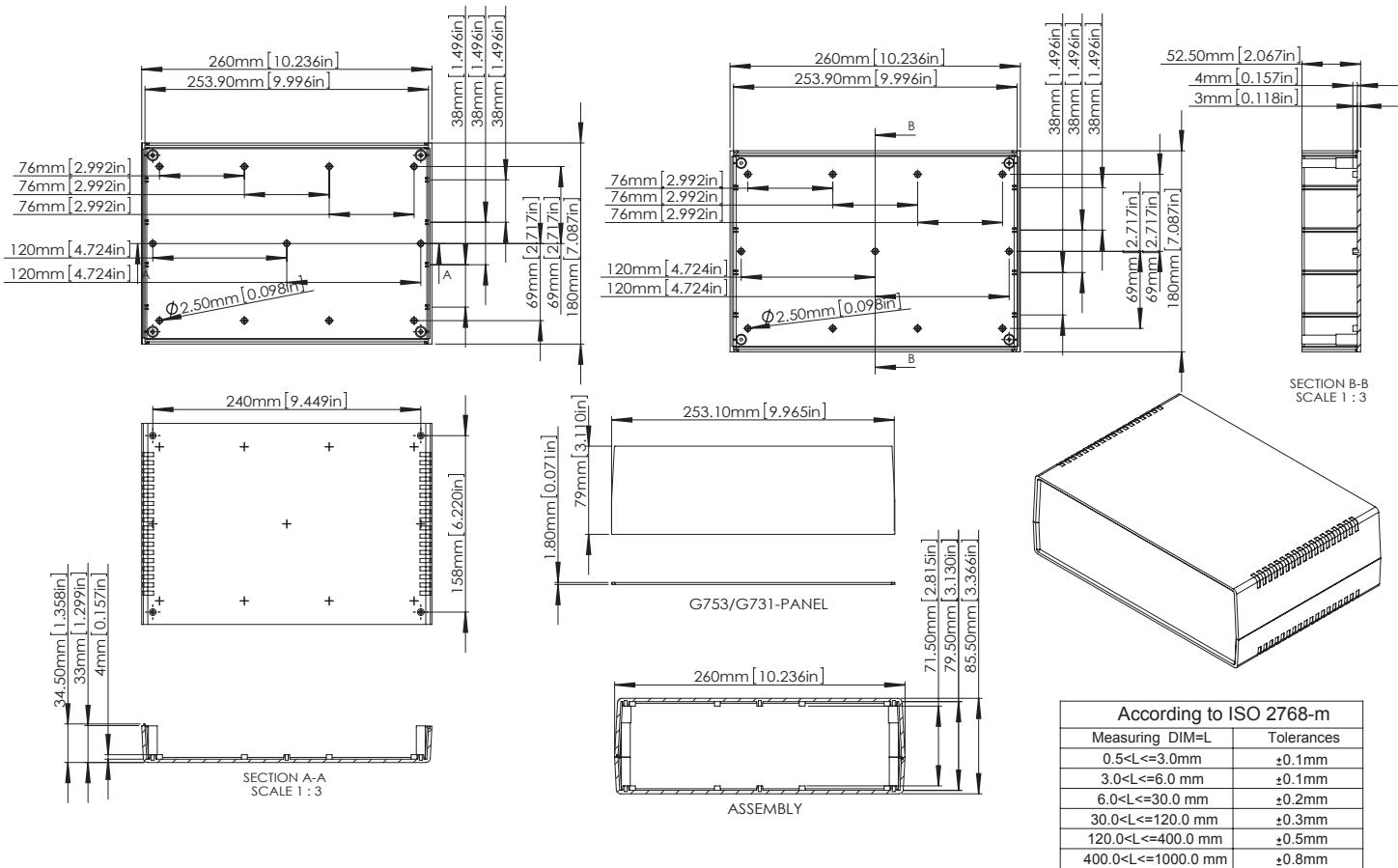
G751 / G721



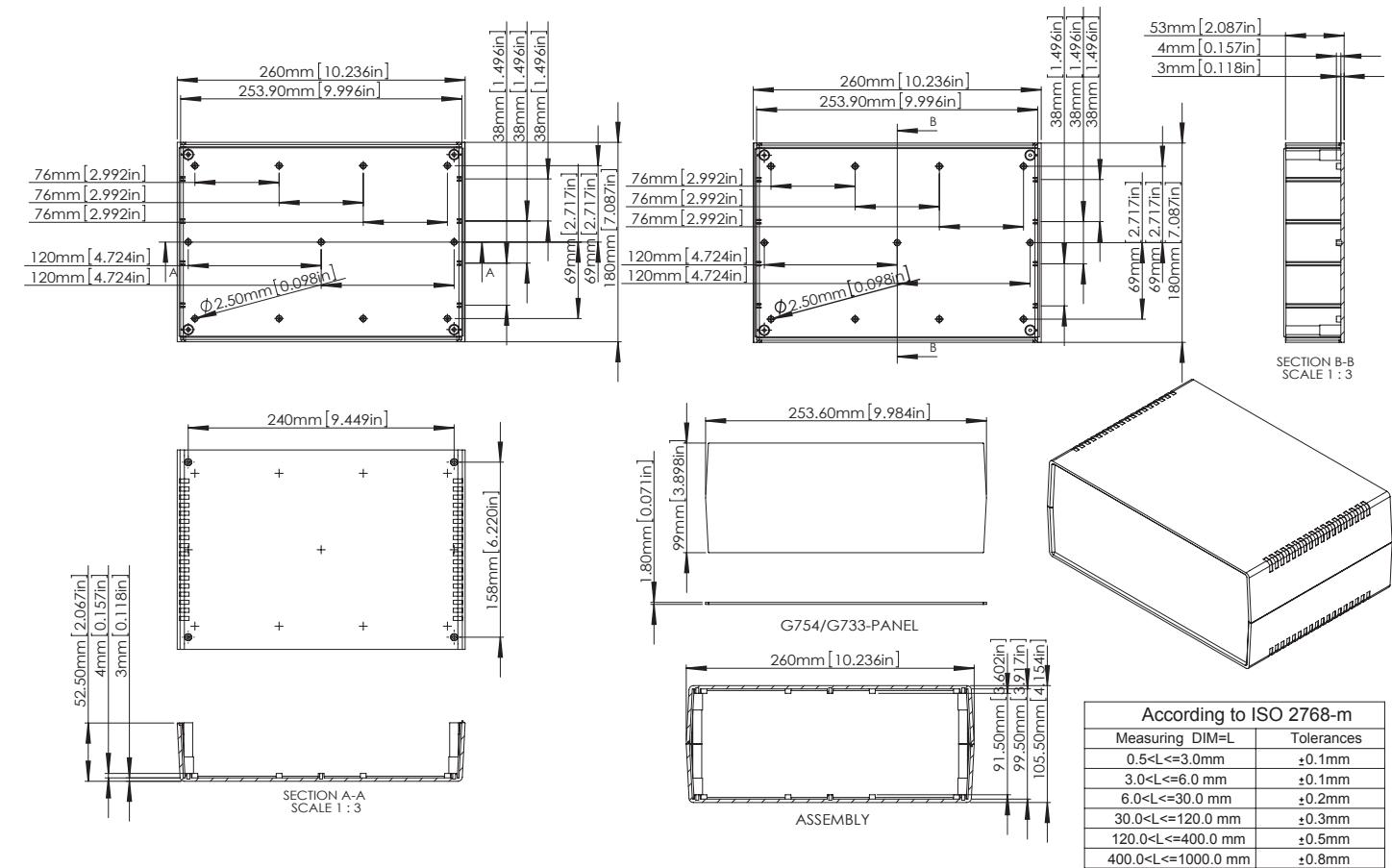
G752 / G722



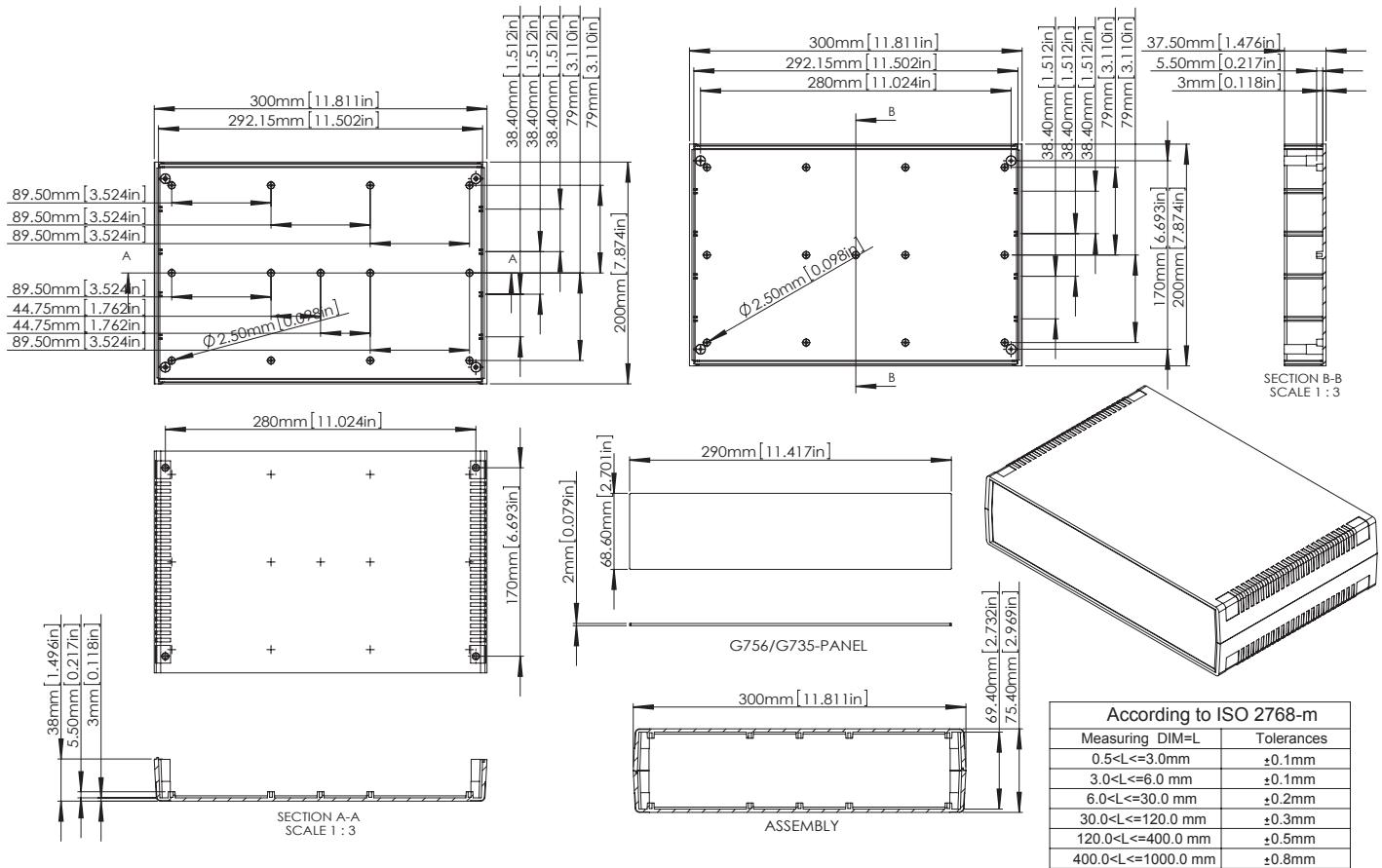
G753 / G731



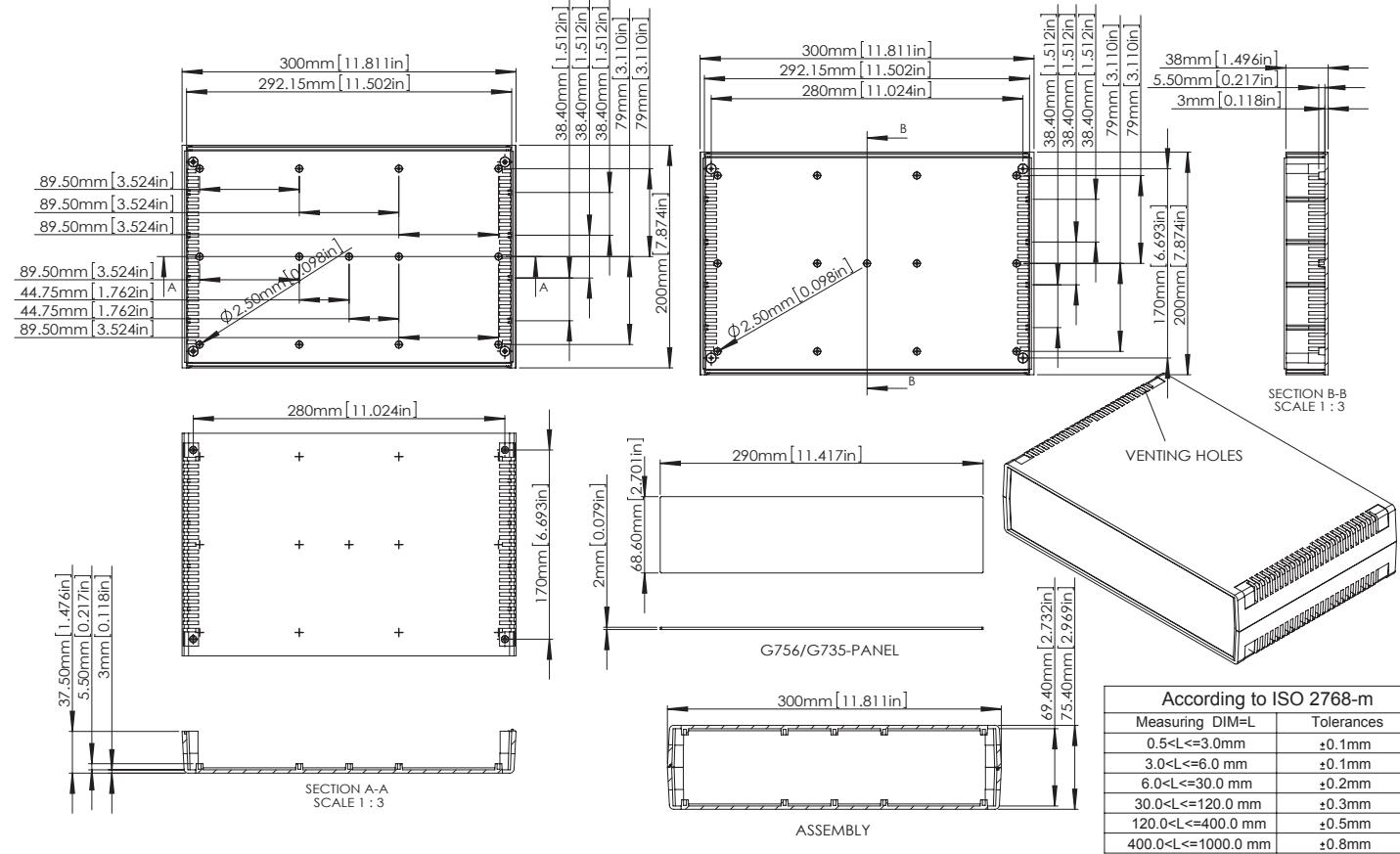
G754 / G733



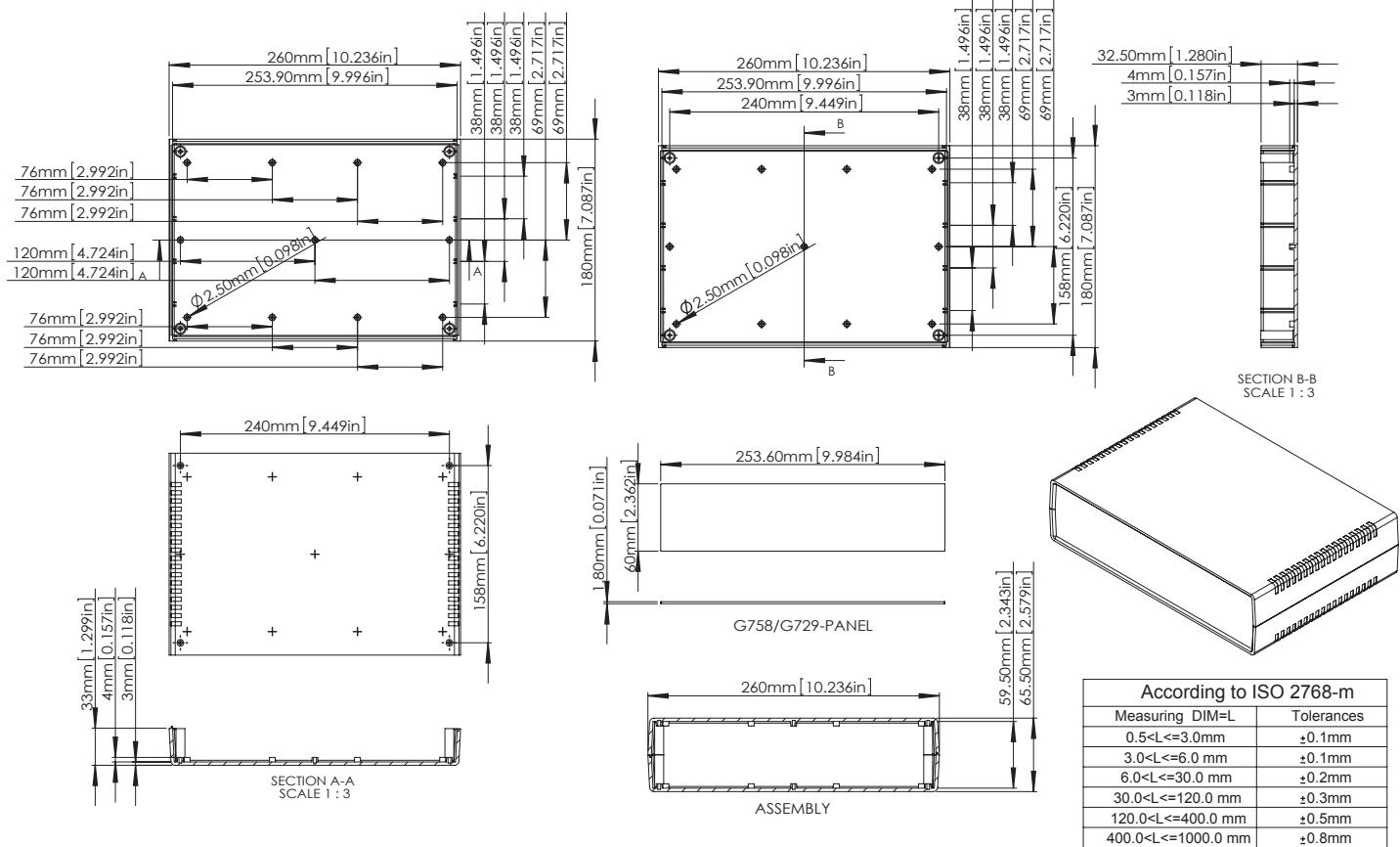
G756 / G735



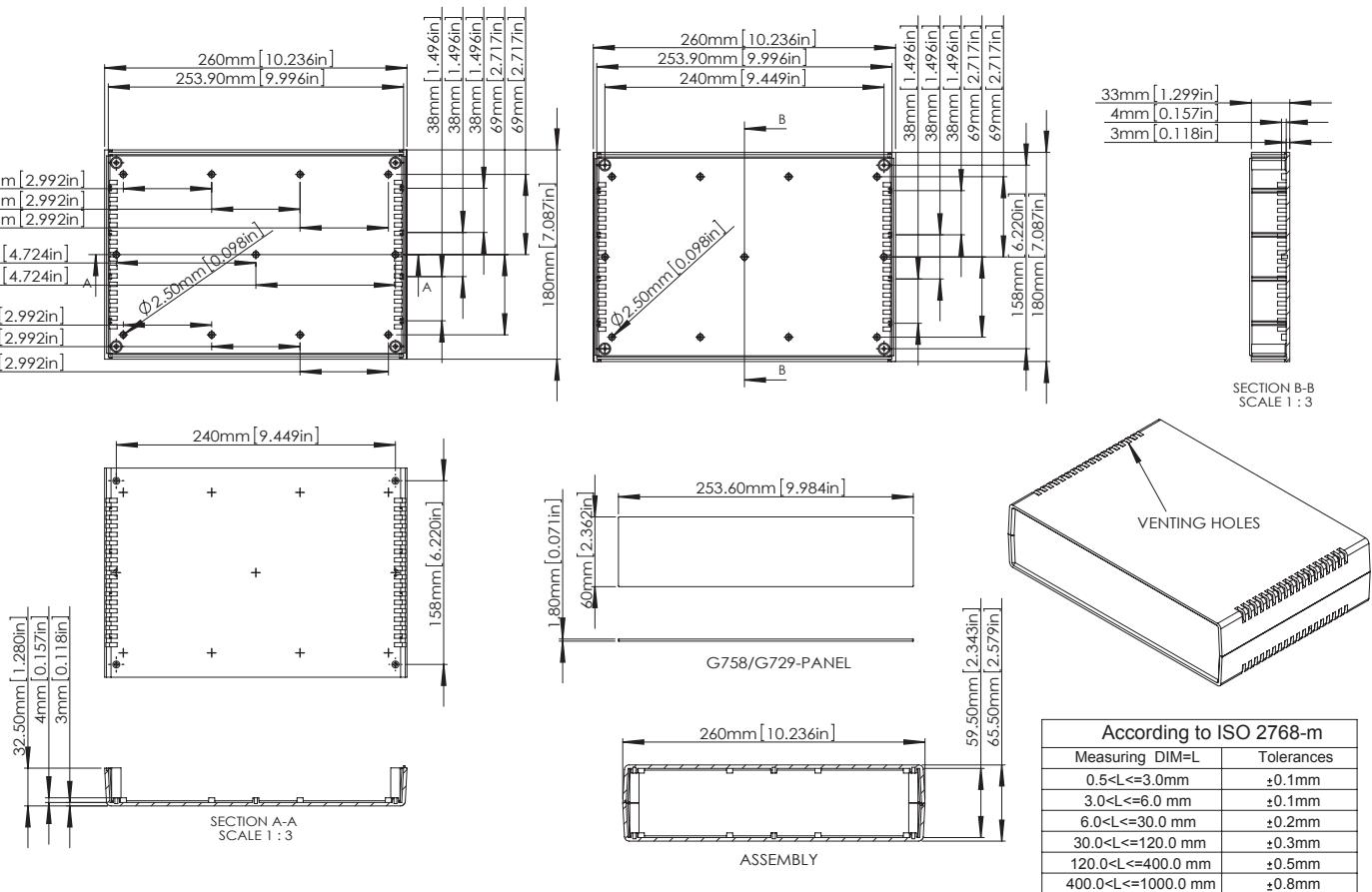
G756V / G735V



G758 / G729



G758V / G729V



G7XX, TYPE B SERIES

NEW PLASTIC INSTRUMENT CASES



PRODUCT INFORMATION

Example

Content

MATERIAL: High impact ABS UL94-HB plastic.

FEATURES:

- Modern design case in matt finish surface for desktop instruments application.



TYPE A: with PLASTIC PANEL

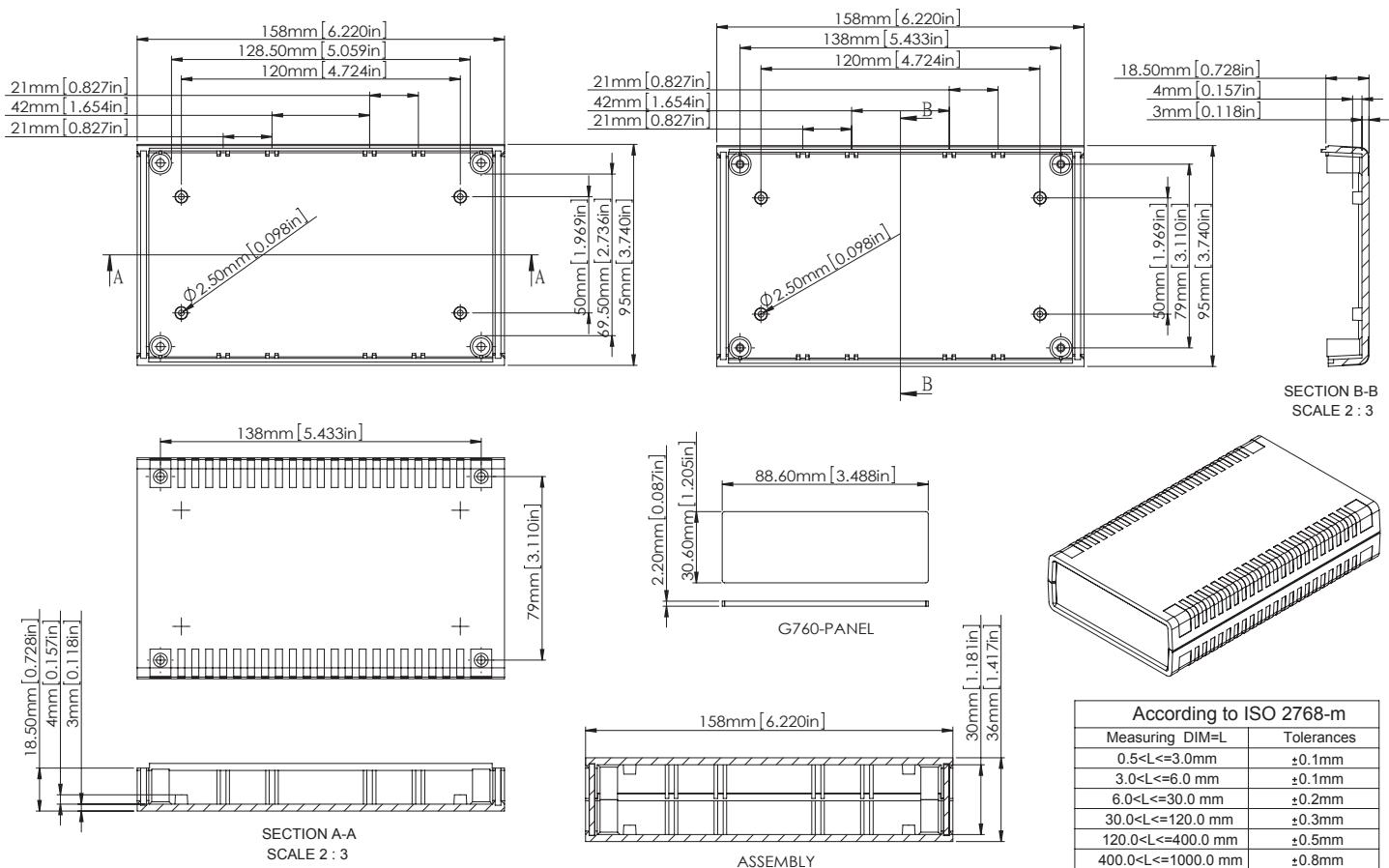
ITEM No.	COLOR		RUBBER FEET
	LID/BASE	PLASTIC PANEL	
G760	Light Grey	Dark Grey	Yes
G761	Light Grey	Dark Grey	Yes
G762	Light Grey	Dark Grey	Yes
G763	Light Grey	Dark Grey	Yes
G764	Light Grey	Dark Grey	Yes
G765	Light Grey	Dark Grey	Yes
G766	Light Grey	Dark Grey	Yes
G767	Light Grey	Dark Grey	Yes
G768	Light Grey	Dark Grey	Yes
G769	Light Grey	Dark Grey	Yes
G770	Light Grey	Dark Grey	Yes
G771	Light Grey	Dark Grey	Yes

EXTERNAL DIMENSION(mm)
95 x 158 x 36
95 x 158 x 47
95 x 158 x 58
156 x 180 x 36
156 x 180 x 44
156 x 180 x 52
140 x 190 x 40
140 x 190 x 60
140 x 190 x 90
200 x 280 x 40
200 x 280 x 60
200 x 280 x 80

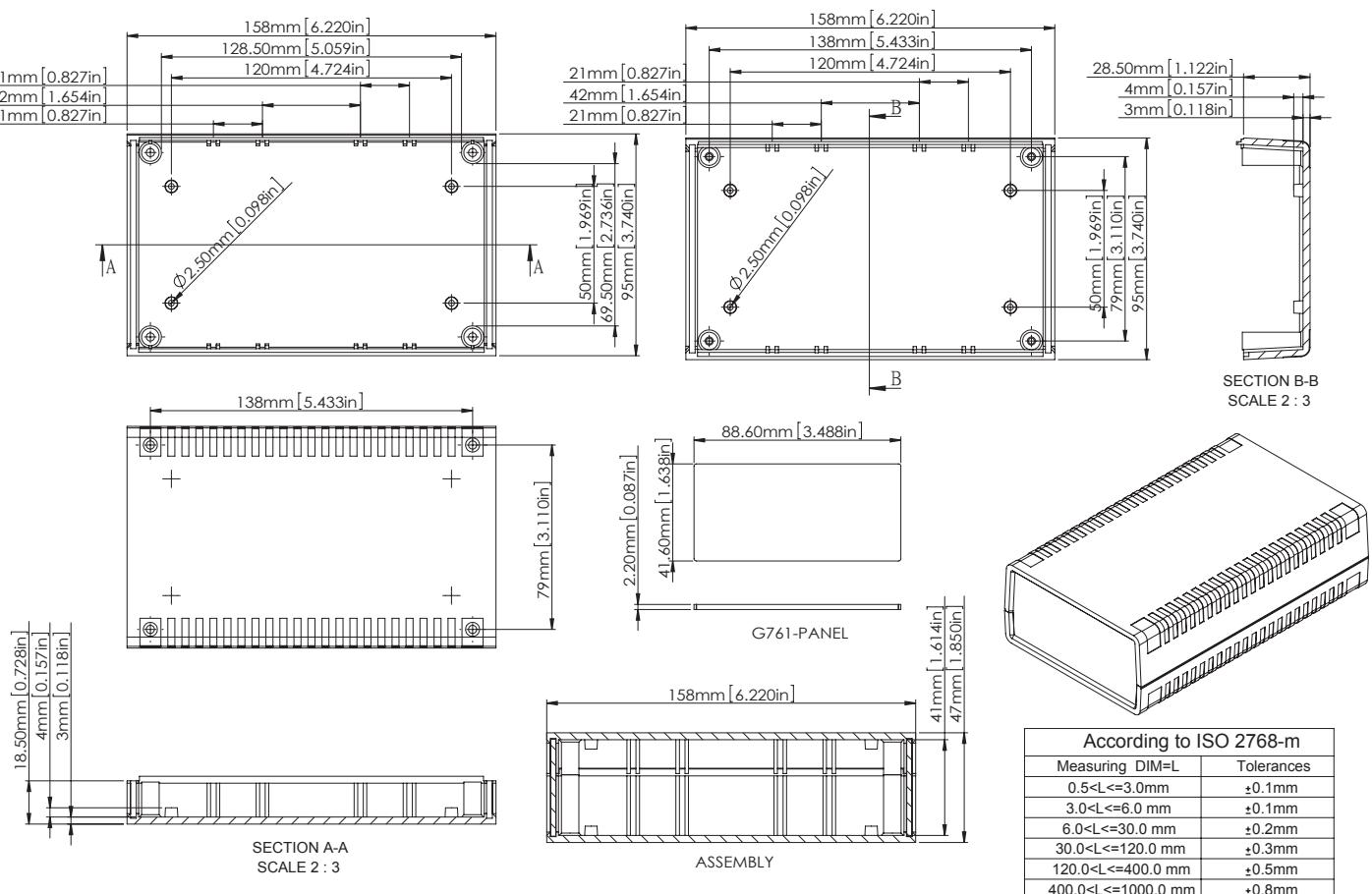
TYPE B: with ALUMINIUM PANEL

ITEM No.	COLOR		RUBBER FEET
	LID/BASE	ALUMINIUM PANEL	
G760A	Light Grey	Natural	Yes
G761A	Light Grey	Natural	Yes
G762A	Light Grey	Natural	Yes
G763A	Light Grey	Natural	Yes
G764A	Light Grey	Natural	Yes
G765A	Light Grey	Natural	Yes
G766A	Light Grey	Natural	Yes
G767A	Light Grey	Natural	Yes
G768A	Light Grey	Natural	Yes
G769A	Light Grey	Natural	Yes
G770A	Light Grey	Natural	Yes
G771A	Light Grey	Natural	Yes

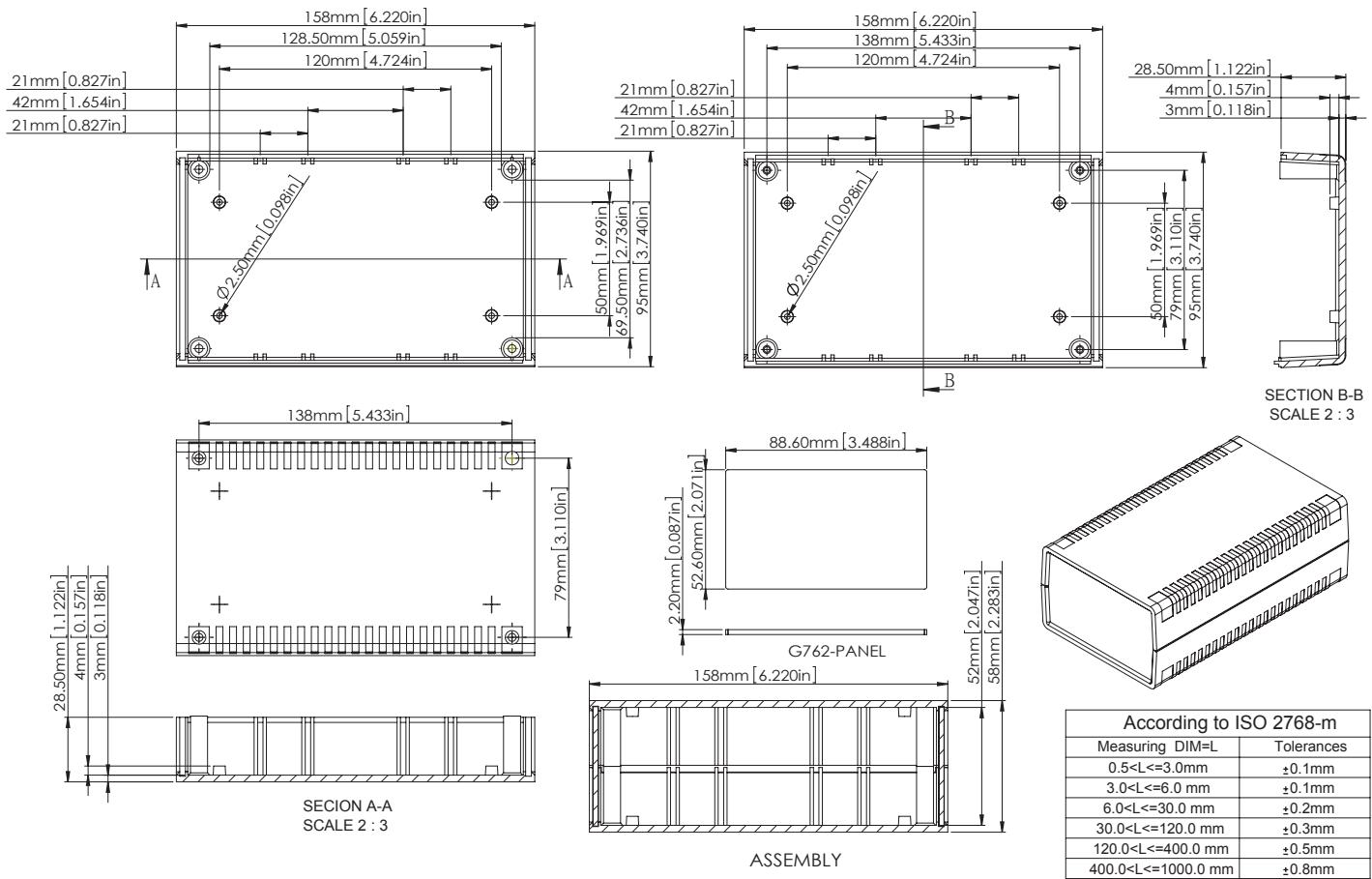
G760



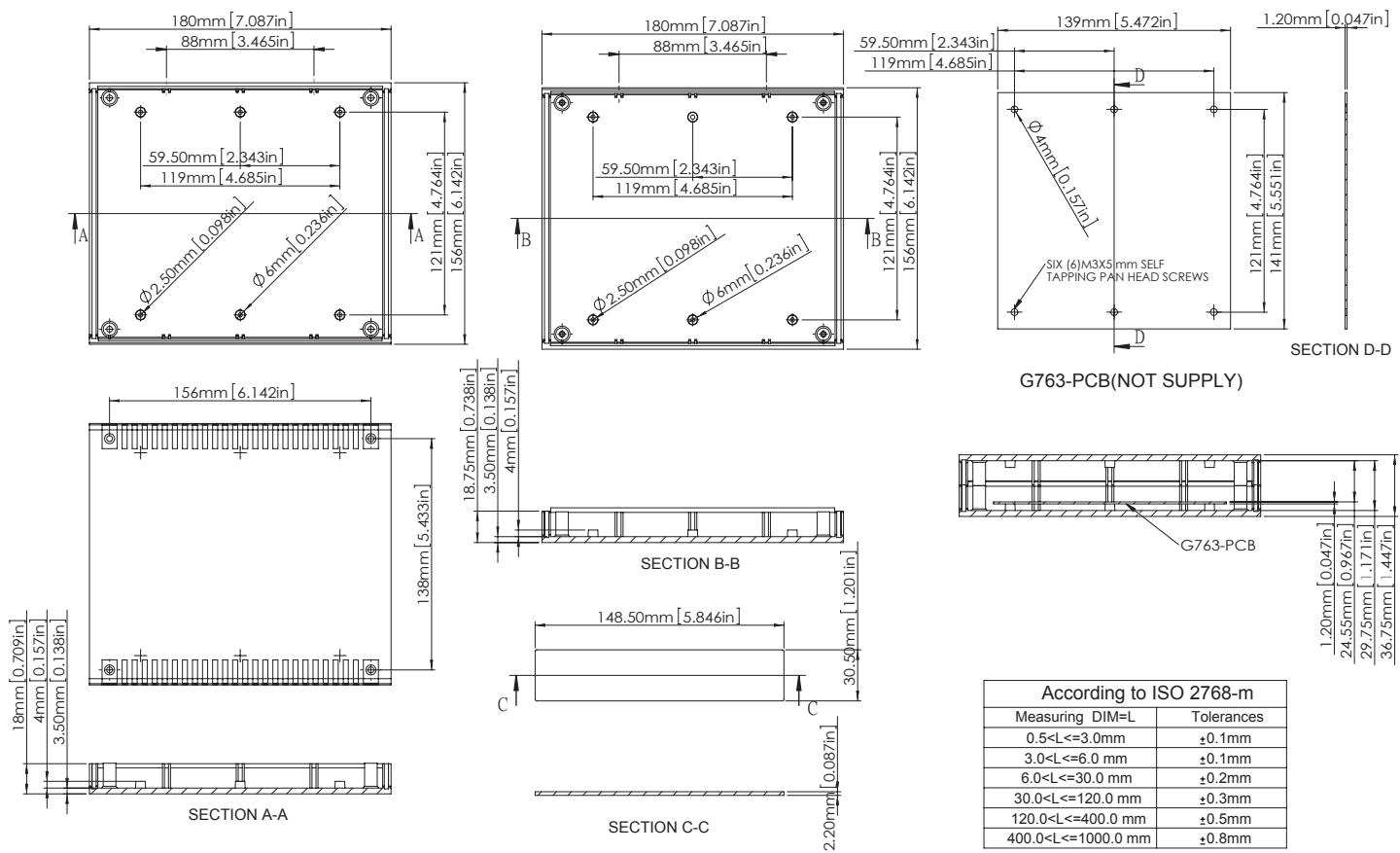
G761



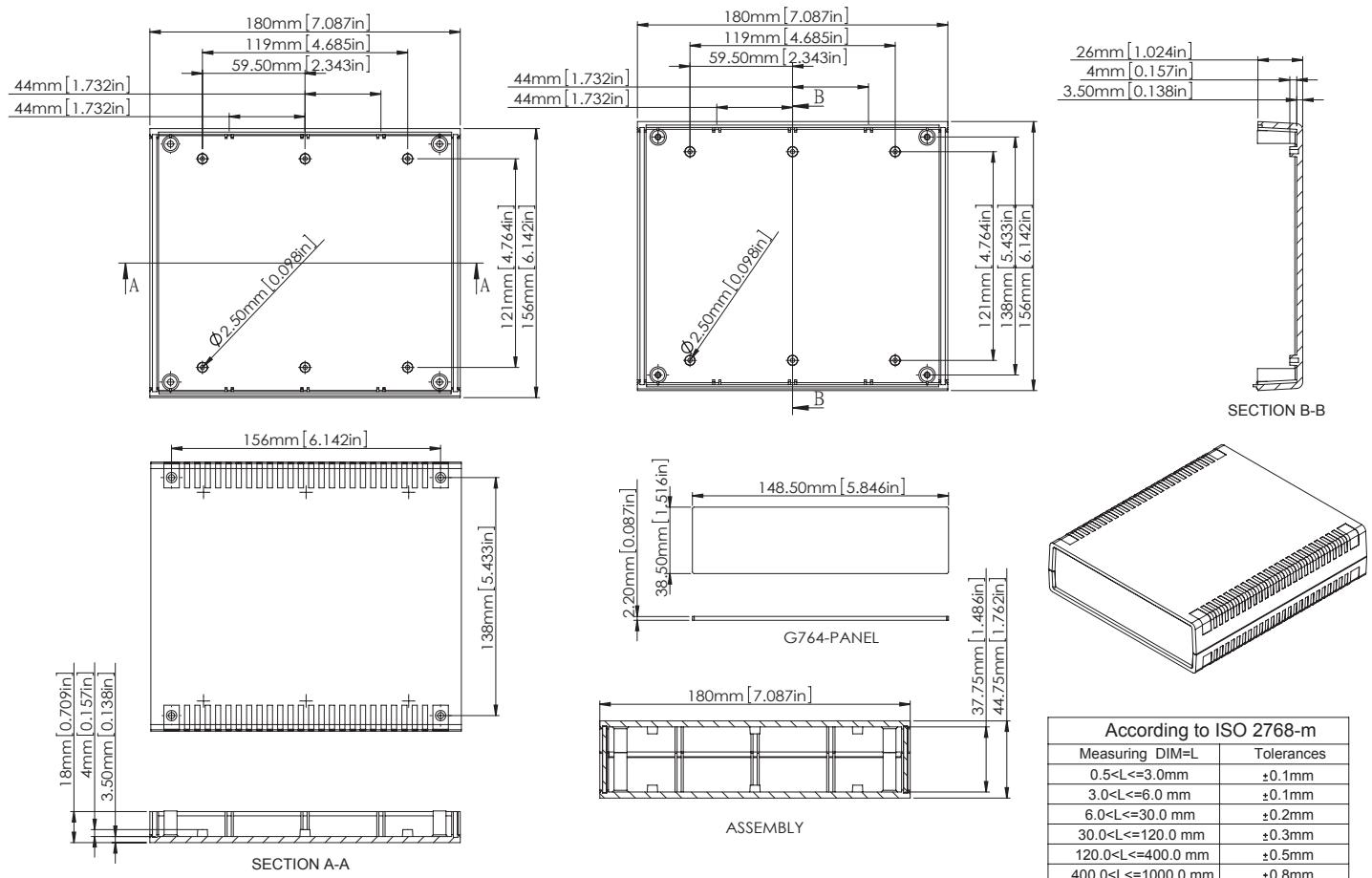
G762



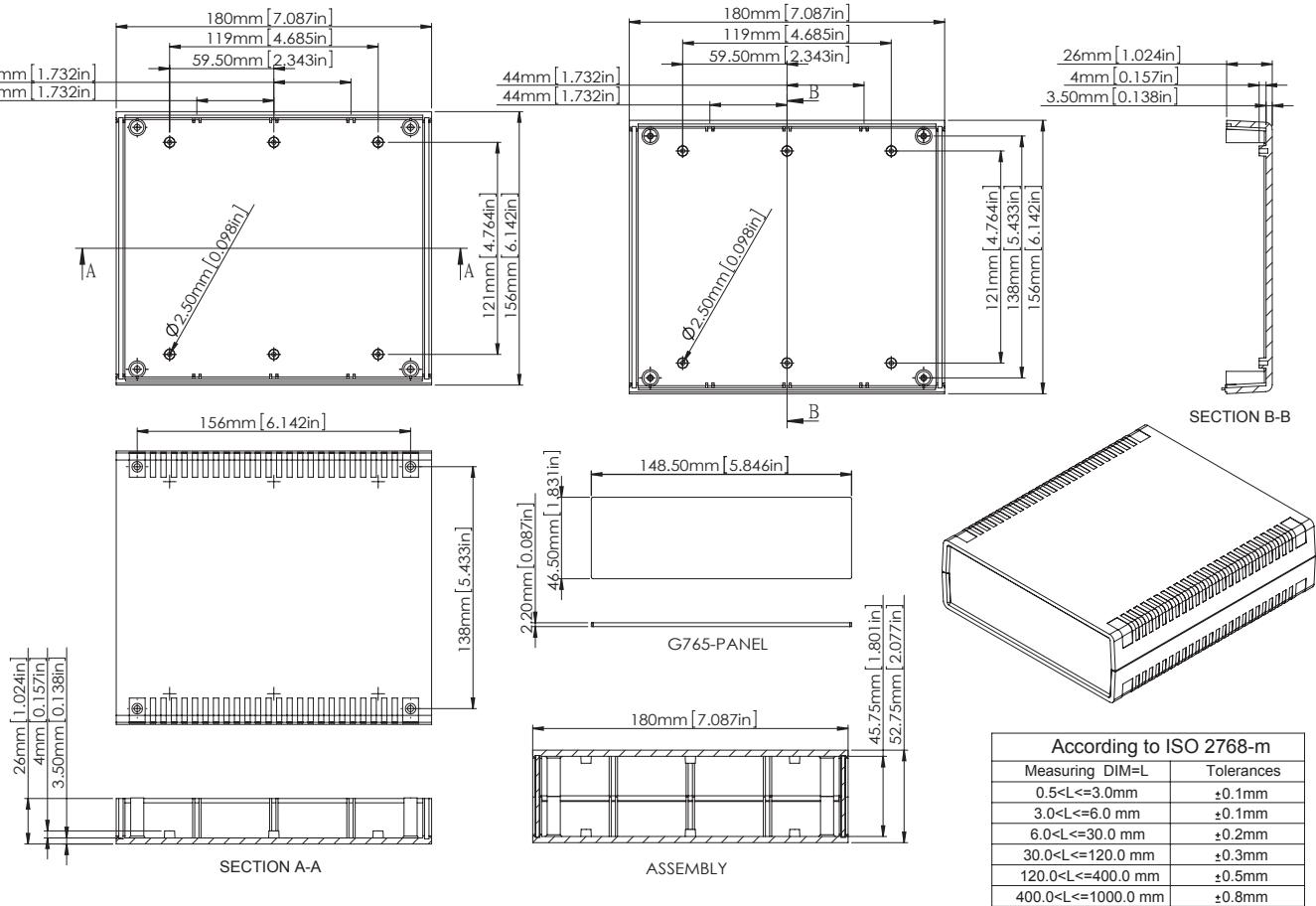
G763



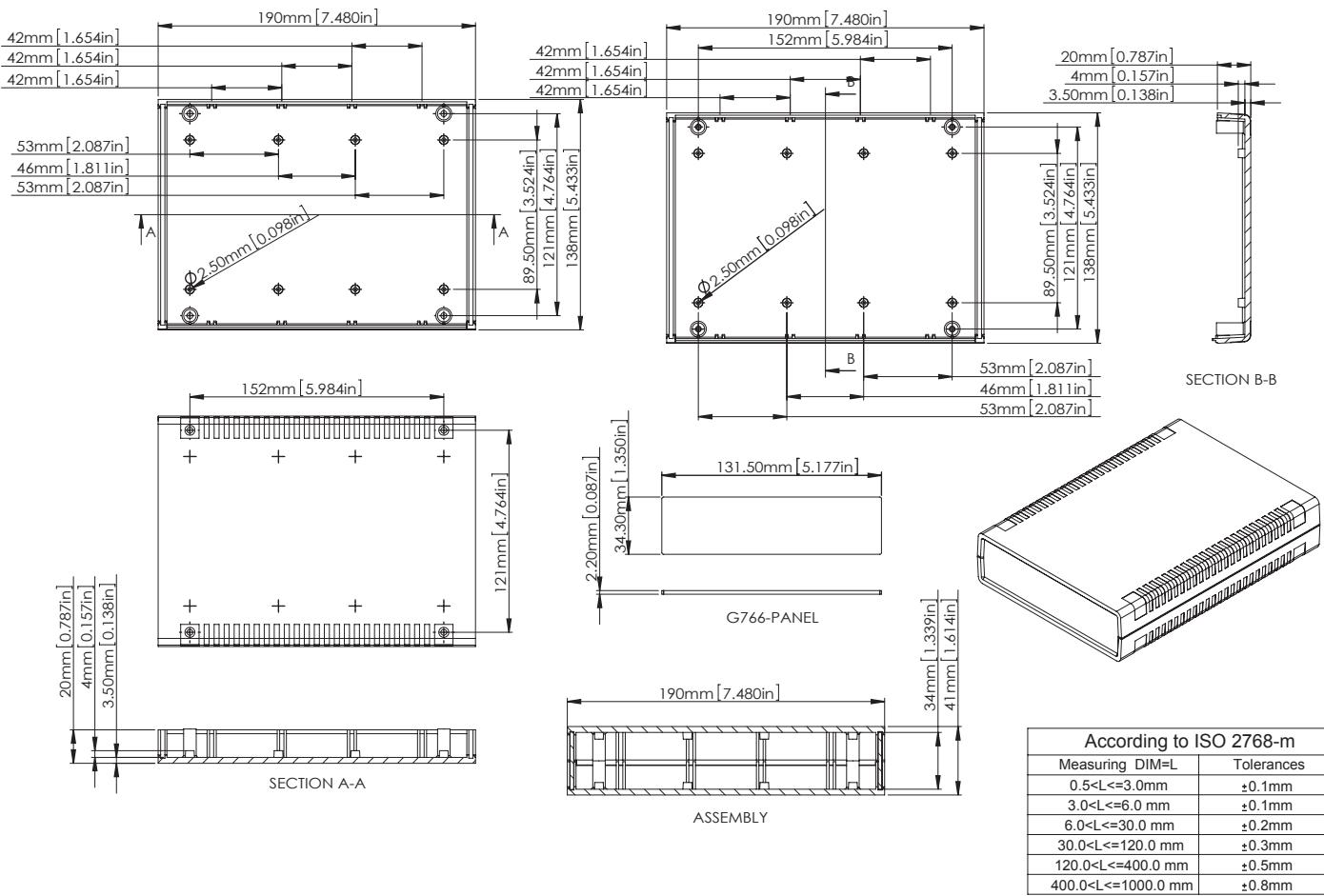
G764



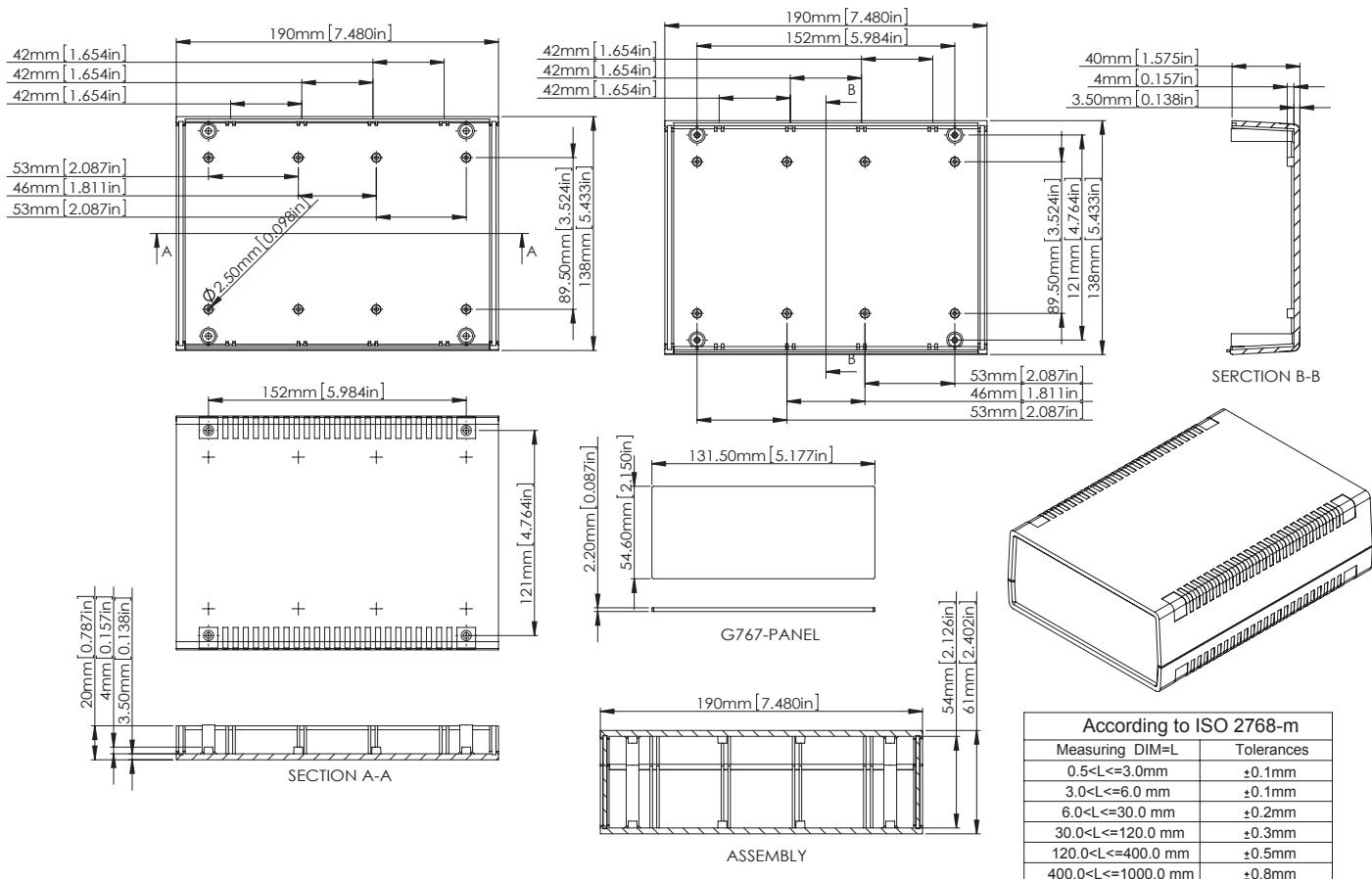
G765



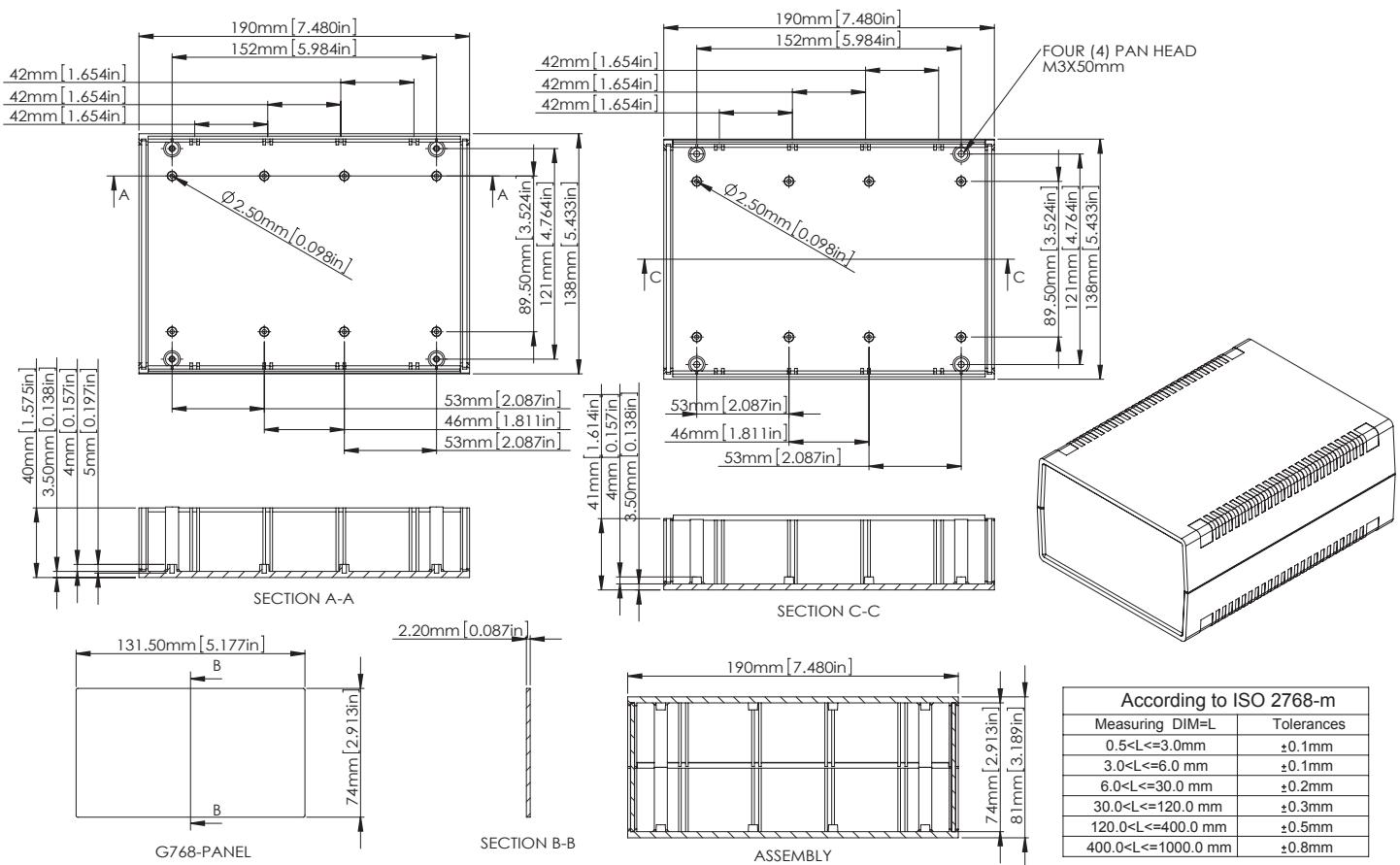
G766



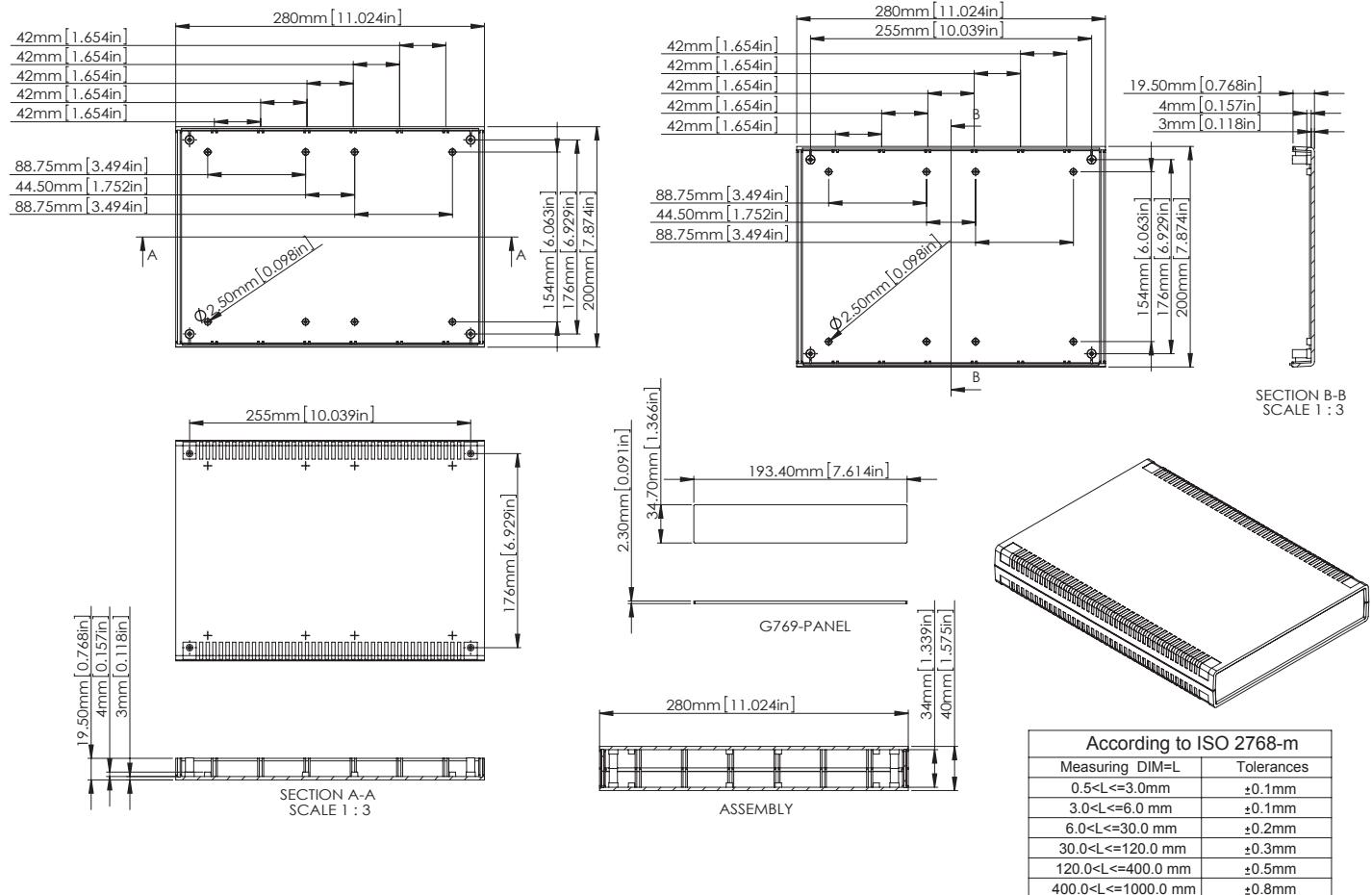
G767



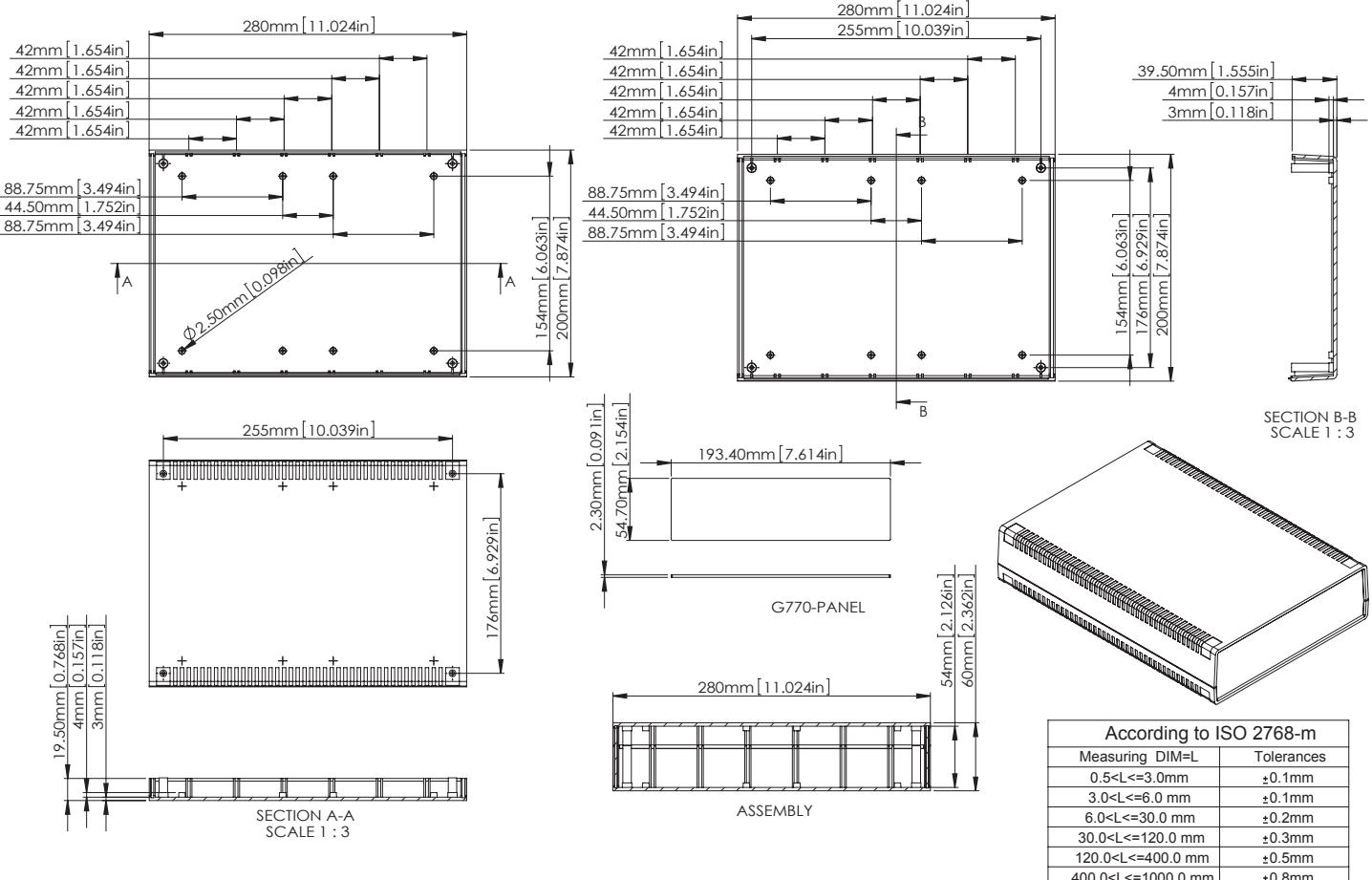
G768



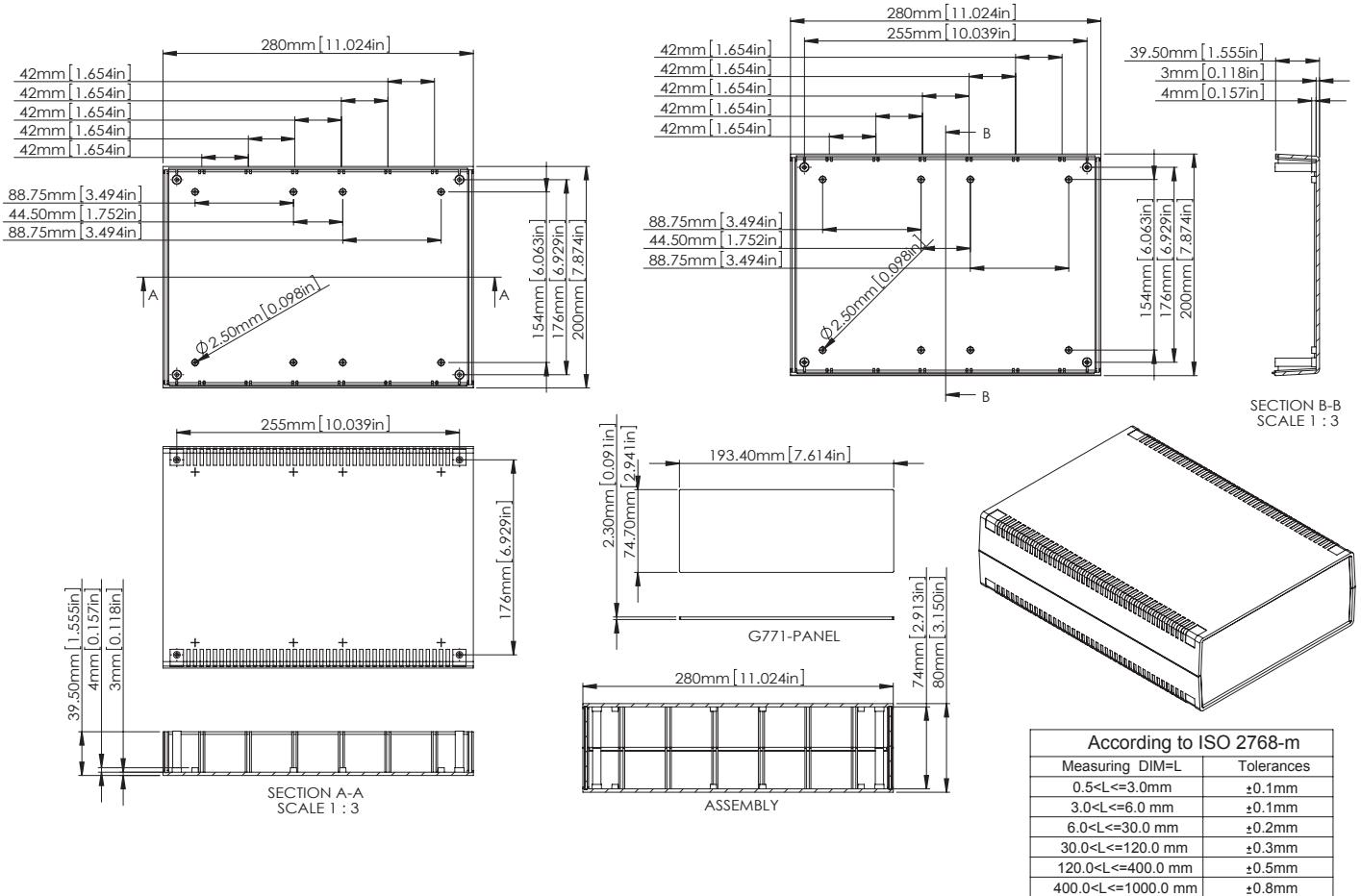
G769



G770



G771



G7XX, TYPE C SERIES

NEW ELEGANT AND SNAP-IN PLASTIC INSTRUMENT ENCLOSURE



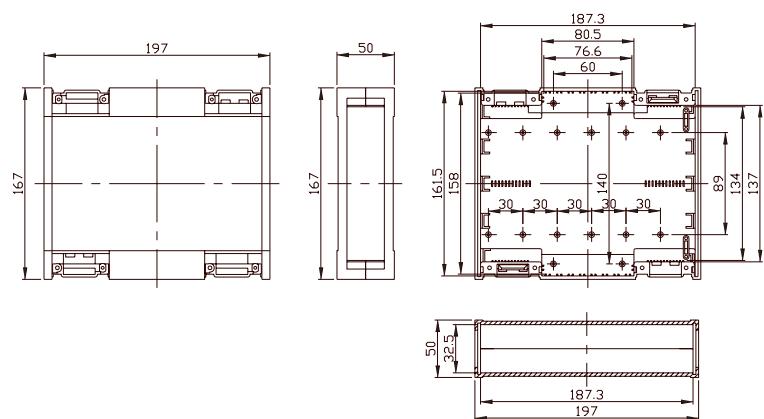
PRODUCT INFORMATION

MATERIAL: High impact ABS plastic.

FEATURES:

- Elegant design to improve the image of your products.
- Snap-in design for easy assembly which is securely tightened.
- Rubber feet and hardwares are included.

ITEM No.	EXTERNAL DIMENSION (MM)
G777	197 x 167 x 50



MEDIUM SIZE PLASTIC T-CASE

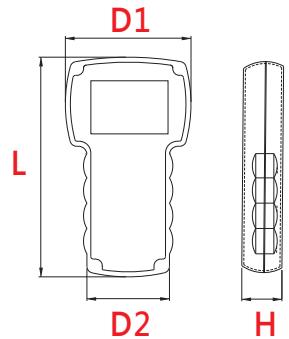


PRODUCT INFORMATION

MATERIAL: High impact ABS, UL94-HB.

- These new stylish cases are ideal for test and measurement,data-loggers and other handheld instruments.
- Two colour are available in black and light grey.
- Top and bottom parts incorporate a tongue and groove sealing system which accept gasketing to meet IP65 rating. the gasket is available as a separate item.
- Available with a battery compartment in the back which accept a 9V 216 type or two AA batteries.
- Removeable tilt stand.it can also be used wall mounted.
- Available with open display window or solid front.
- Case held together by 4xM3 screws supplied.
- Recessed display area : 87.3 x 66.5mm
- Recessed keyboard area : 105.4 x 62.7mm
- Cutout Area : 72.2 x 51.5mm

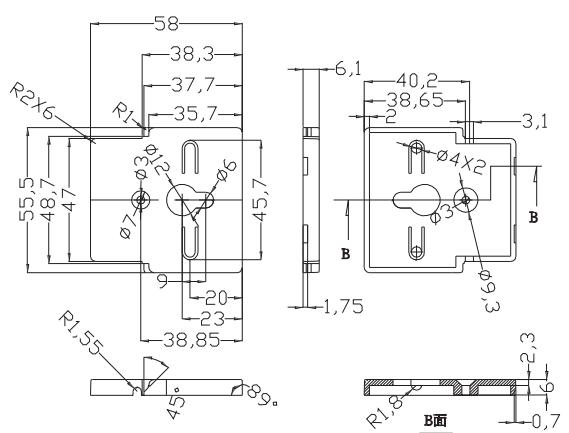
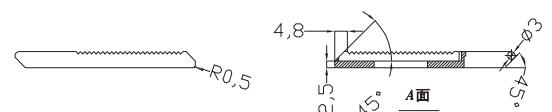
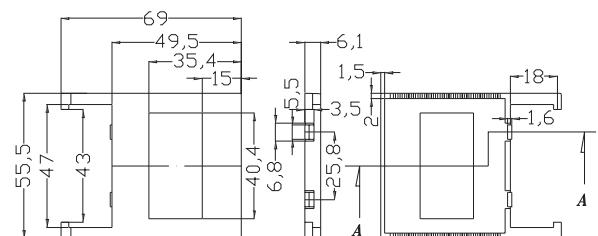
ITEM No.	COLOR	DISPLAY AREA	BATTERY COMPARTMENT	EXTERNAL DIMENSION(mm)			
				LENGTH(L)	WIDTH 1(D1)	WIDTH 2(D2)	HEIGHT(H)
G828G(0)	Grey	Cutout	No	210	110	75	40.5
G828G(0)BC	Grey	Cutout	Yes				
G828G(S)	Grey	Solid	No				
G828G(S)BC	Grey	Solid	Yes				
G828B(0)	Black	Cutout	No				
G828B(0)BC	Black	Cutout	Yes				
G828B(S)	Black	Solid	No				
G828B(S)BC	Black	Solid	Yes				
G828GSKT	Sealing Gasket						
G828BTS	Black tilt stand						
G828GTS	Grey tilt stand						



G828BTS / G828GTS

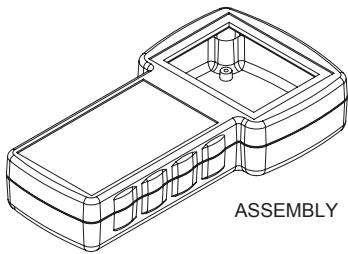
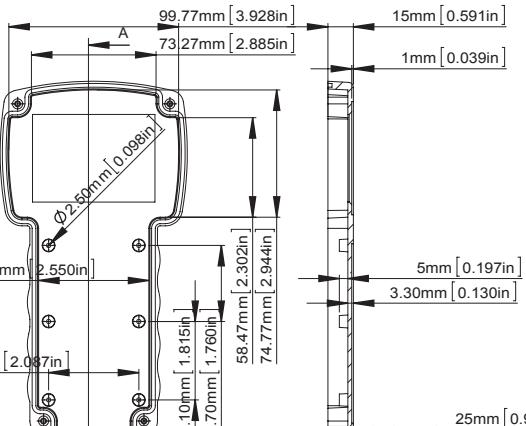
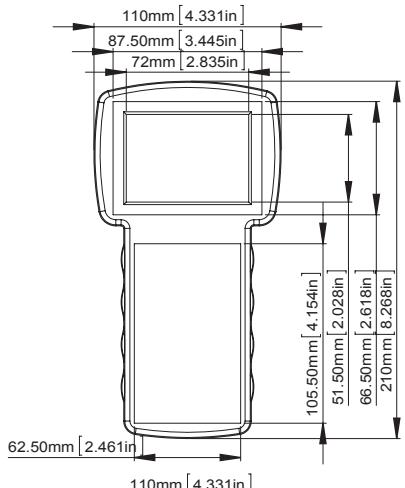


Example Sealing Gasket

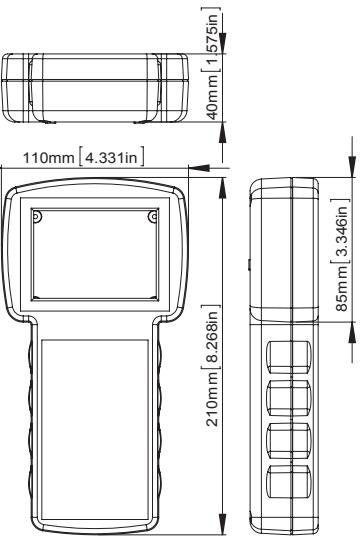
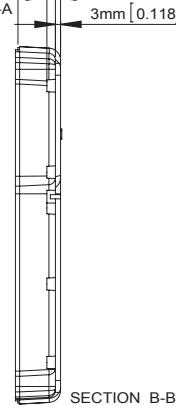
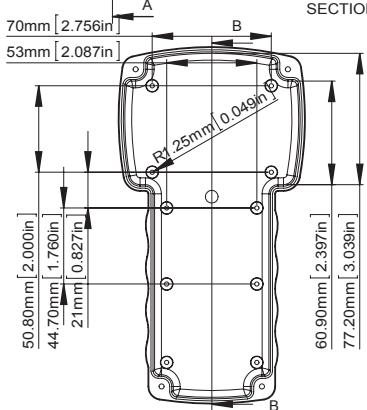
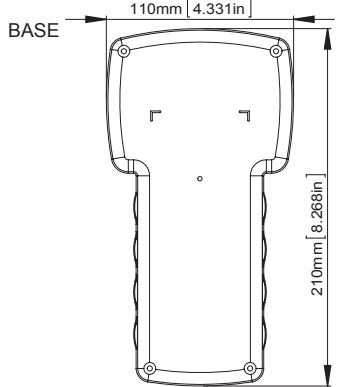


G828G(O)/G828B(O)

COVER

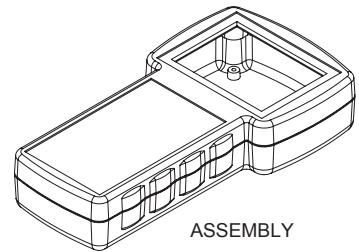
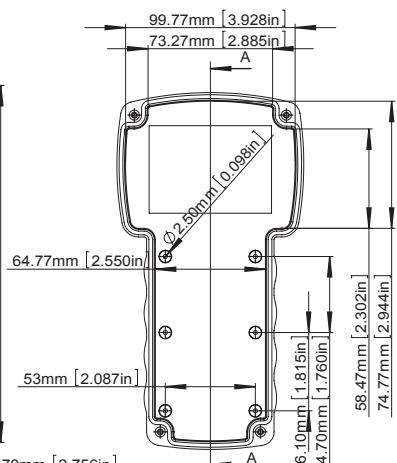
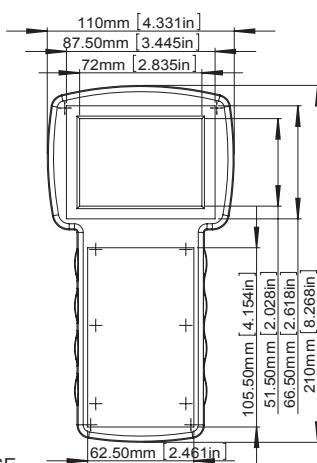


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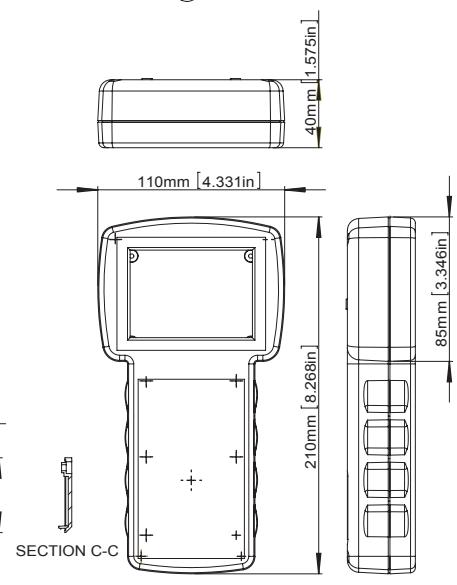
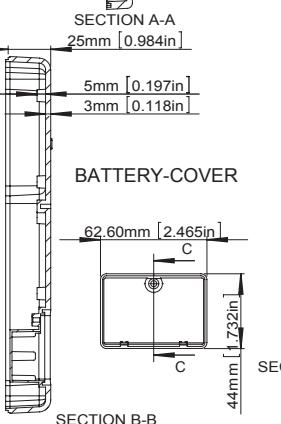
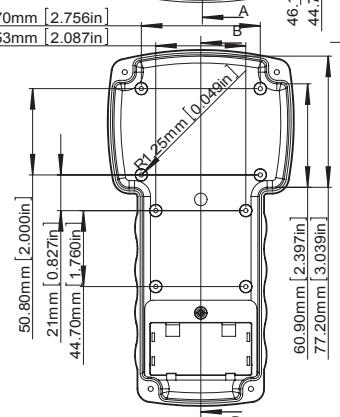
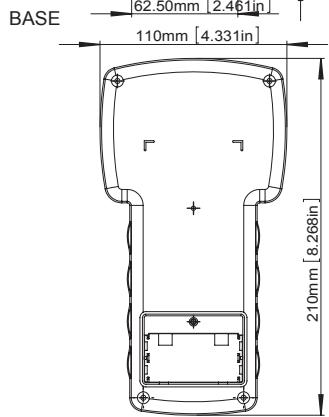


G828G(O)BC/G828B(O)BC

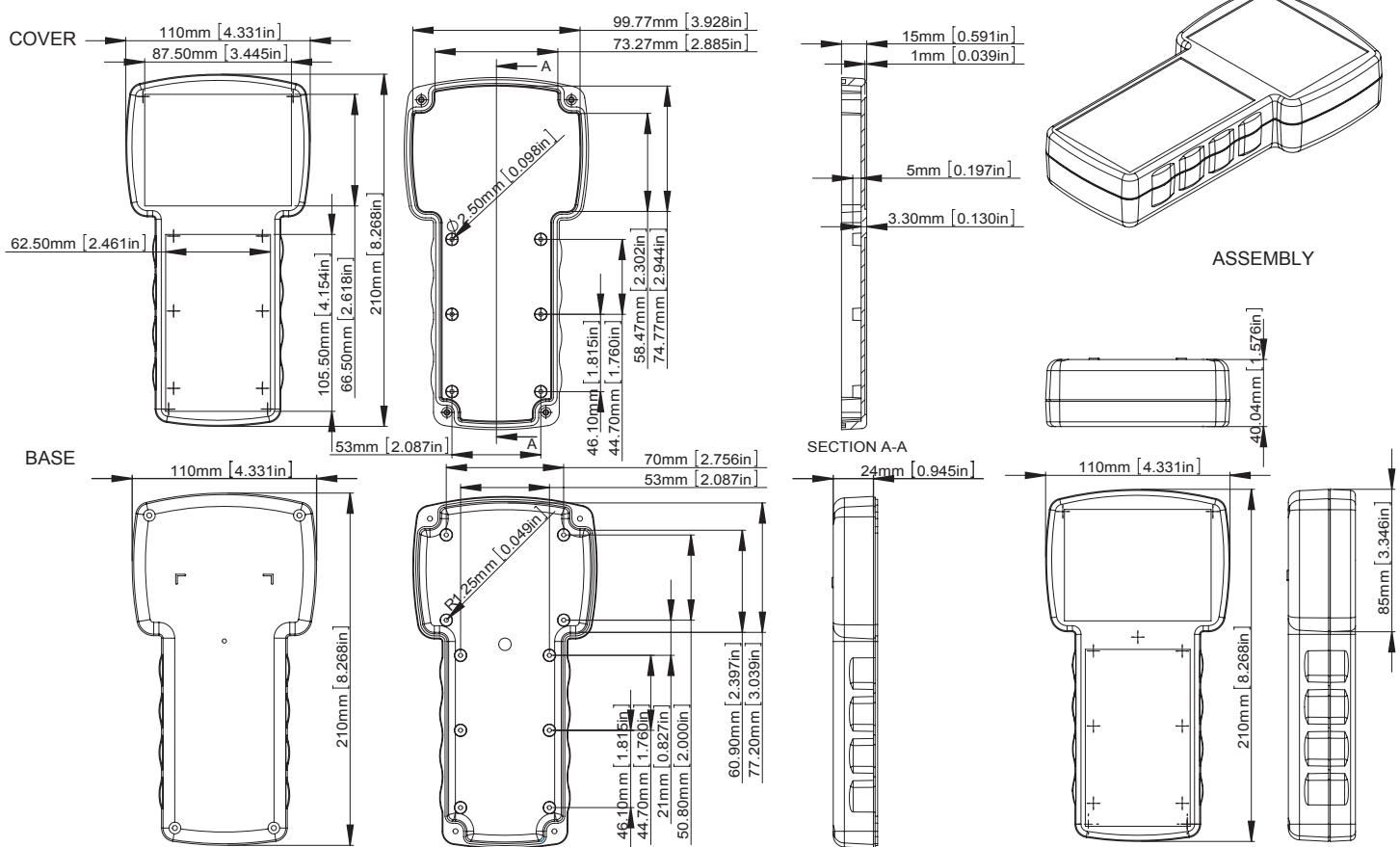
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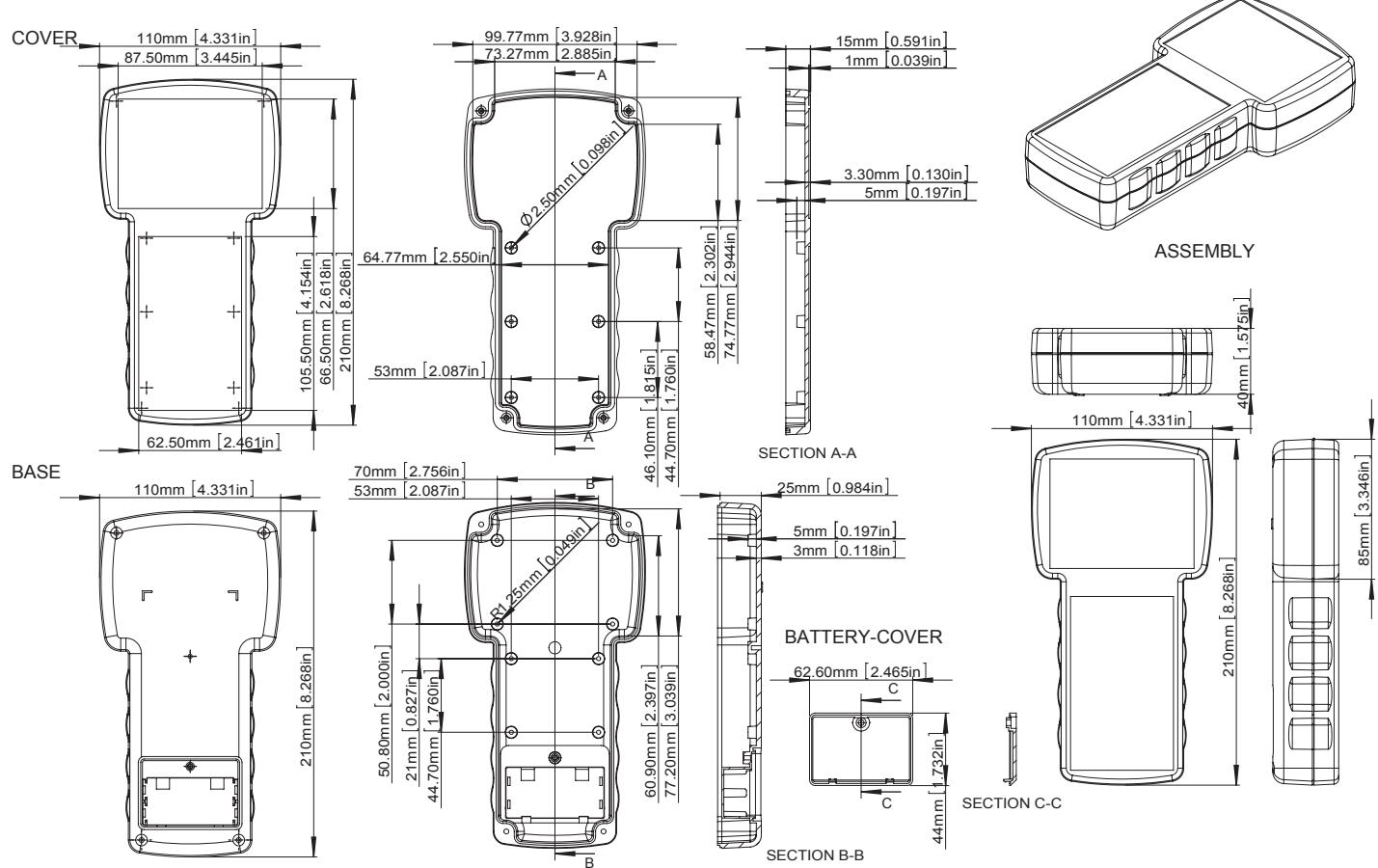
ASSEMBLY



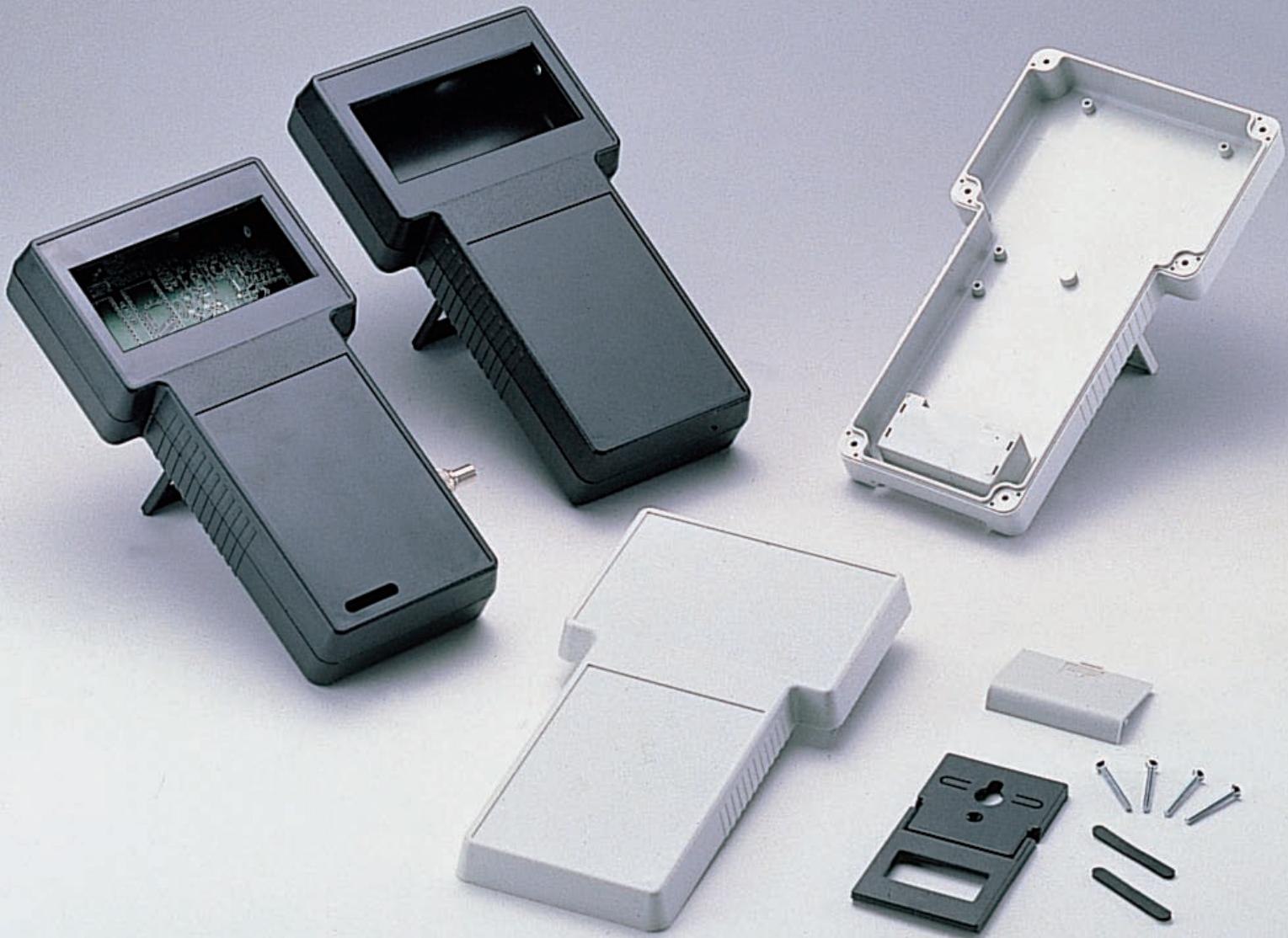
G828G(S)/G828B(S)



G828G(S)BC/G828B(S)BC



Large Size T-CASE



PRODUCT INFORMATION

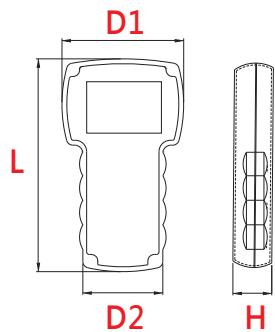
MATERIAL:

- Moulded in high impact ABS.

FEATURES:

- Available with either a solid display area or a cutout.
- The top and bottom parts incorporate a tongue and groove sealing system which accept gasketing. The gasket is available as a separate item.
- Available with a battery compartment in the back which accept a 9V 216 type. Or two AA batteries.
- A durable and professional moulded tilting bail is available which also can be used to wall mount the enclosures.
- Available in black and light gray as standard colour. Customer color is available on indent.
- Case is held together by 6 PCS brass inserts in the LID and M-3 screws supplied.
- Recessed display area : 116 x 81mm.
- Recessed keyboard area : 118 x 81mm.
- Cutout area : 101 x 45mm.

ITEM No.	COLOR	DISPLAY AREA	BATTERY COMPARTMENT	EXTERNAL DIMENSION(mm)			
				LENGTH(L)	WIDTH 1(D1)	WIDTH 2(D2)	HEIGHT(H)
G858G(0)	Grey	Cutout	No	237	131	95	45
G858G(0) BC	Grey	Cutout	Yes				
G858G(S)	Grey	Solid	No				
G858G(S) BC	Grey	Solid	Yes				
G858B(0)	Black	Cutout	No				
G858B(0) BC	Black	Cutout	Yes				
G858B(S)	Black	Solid	No				
G858B(S) BC	Black	Solid	Yes				
G858GSKT	Sealing Gasket				D1	L	D2
G858BTS	Black tilt stand						H
G858GTS	Grey tilt stand						



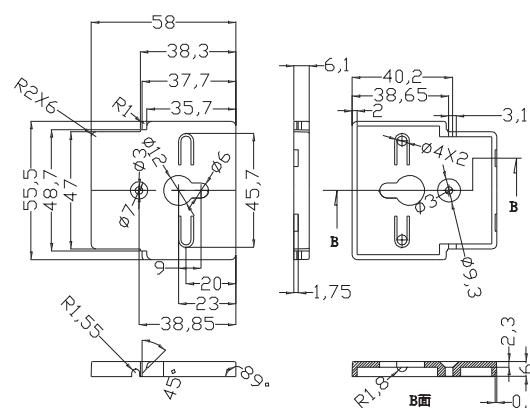
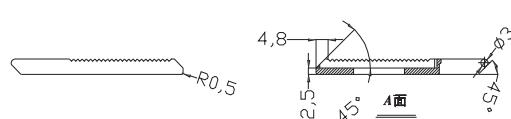
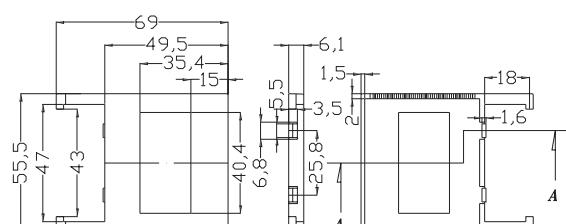
G858BTS / G858GTS



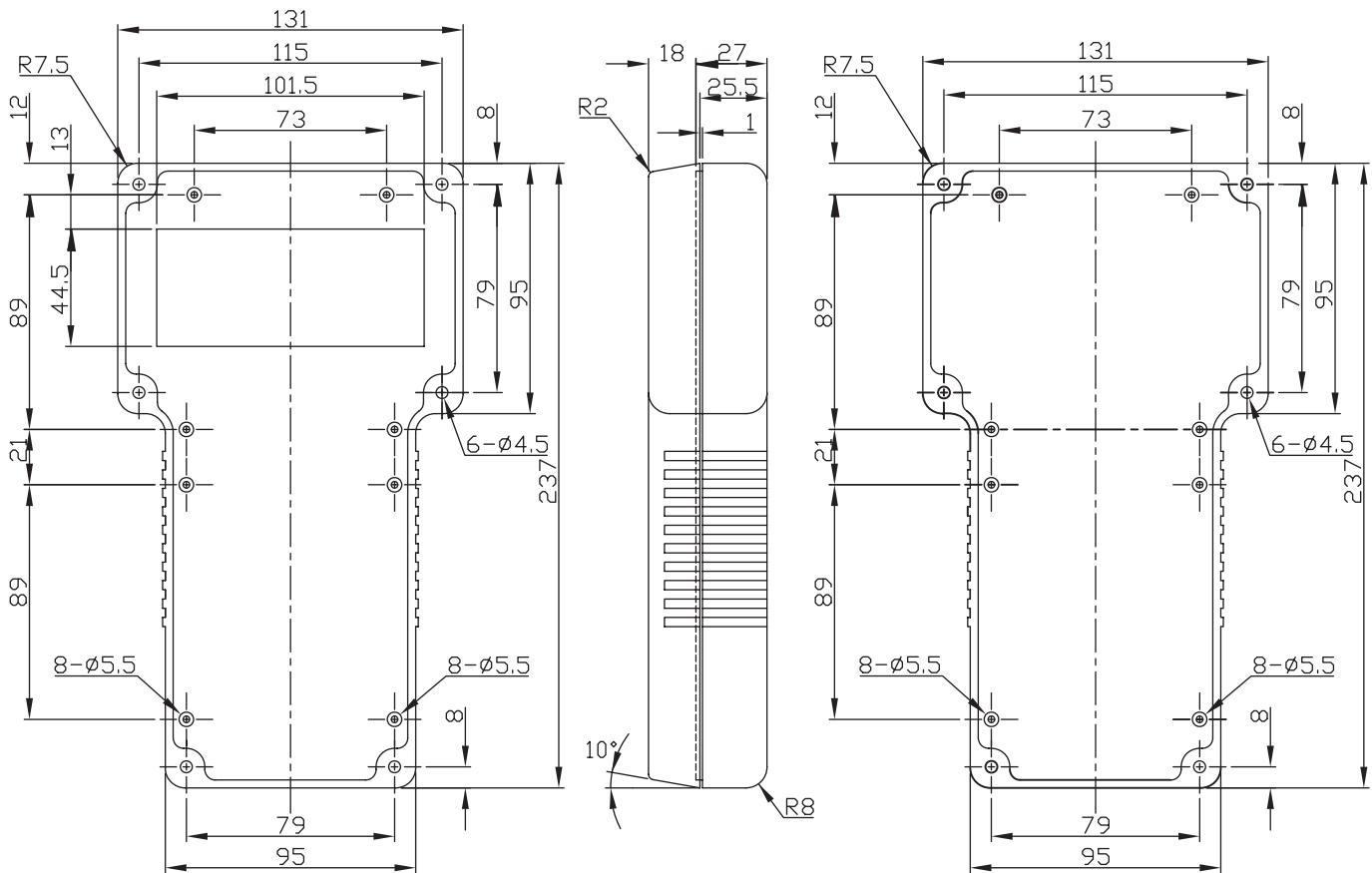
Example Sealing Gasket



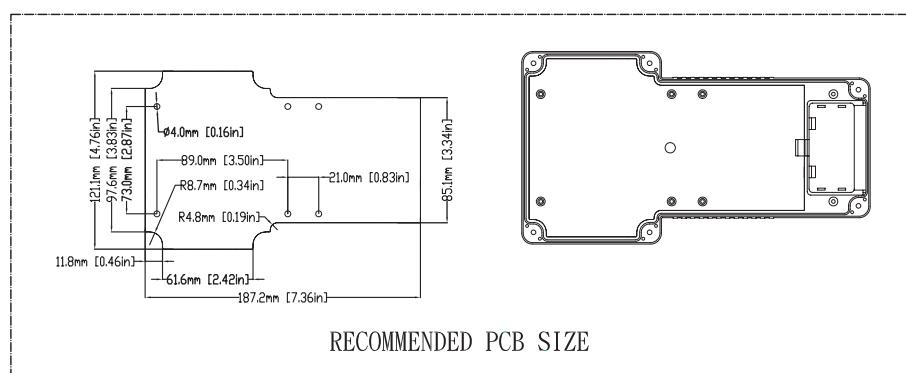
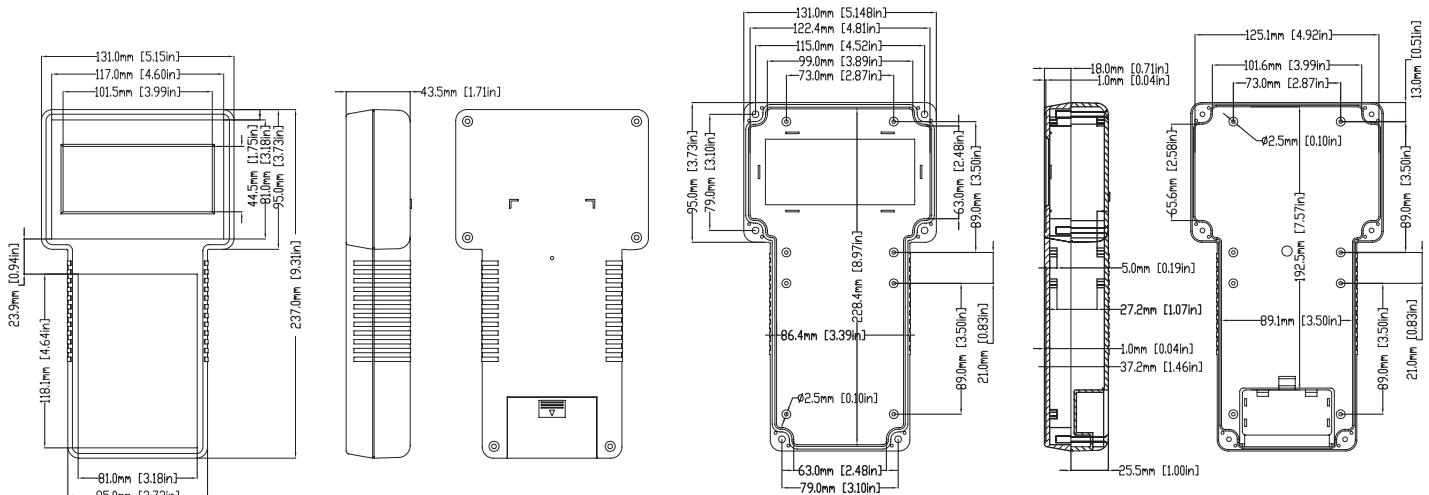
Example



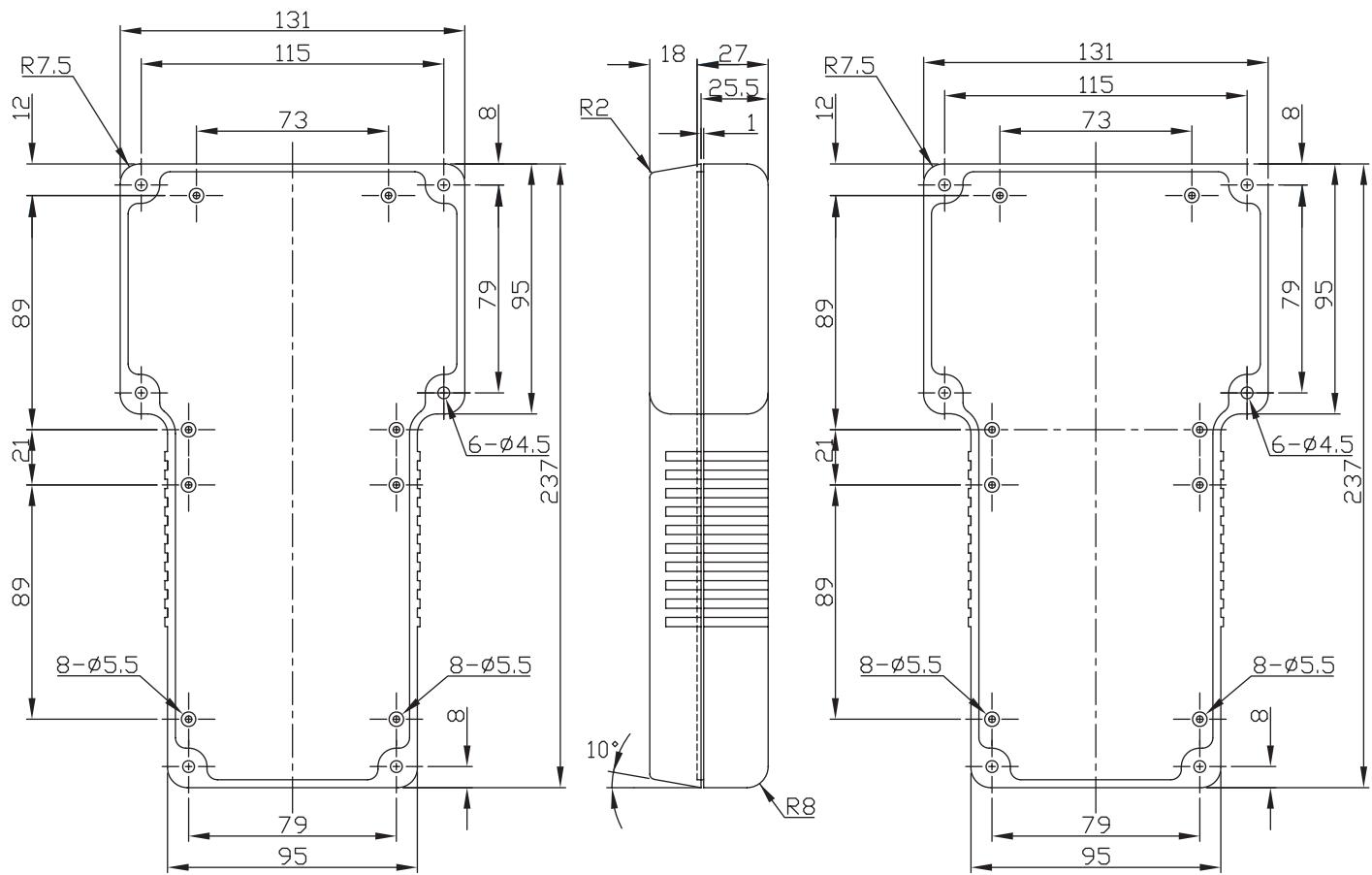
G858G(O) / G858B(O)



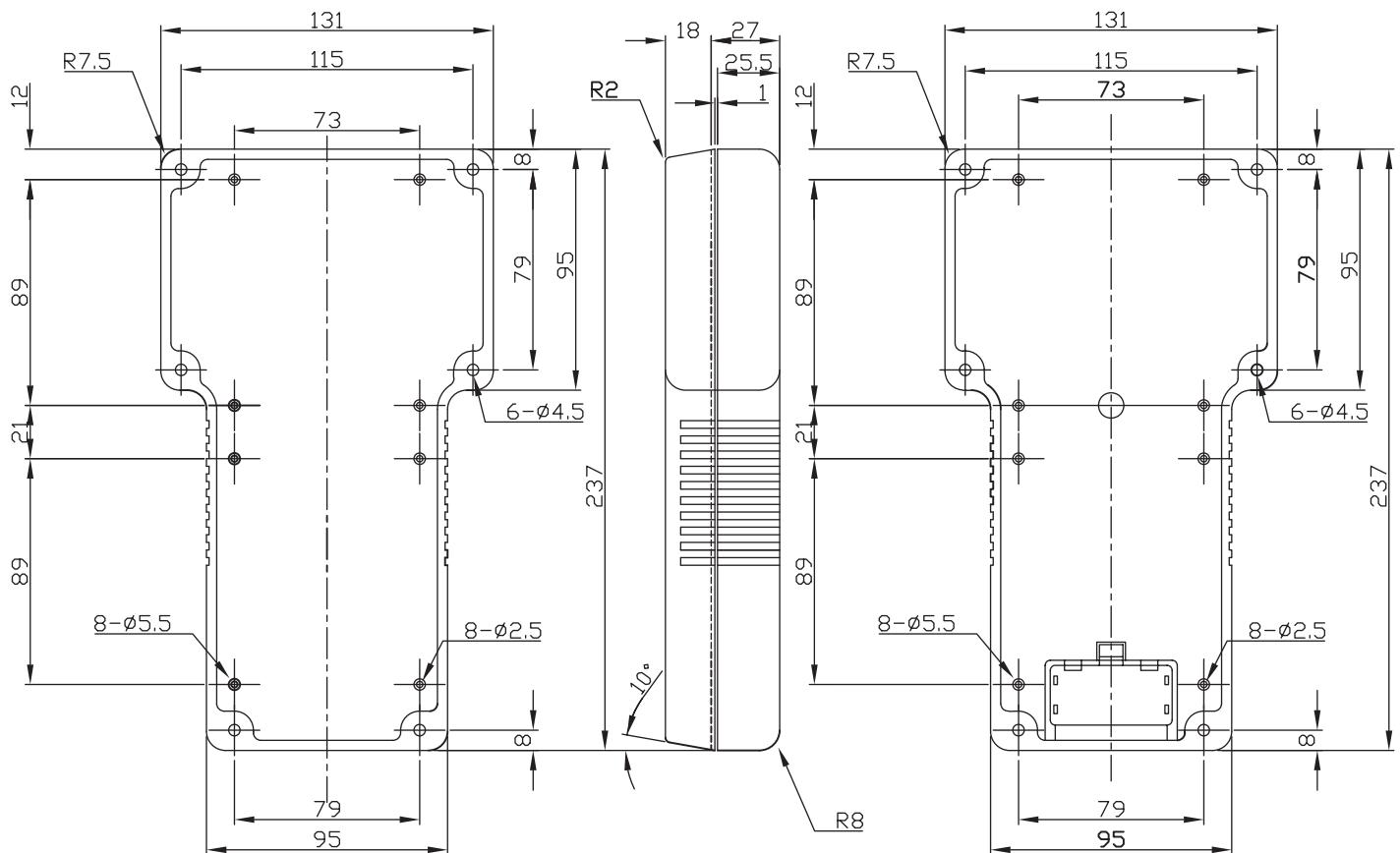
G858G(O)BC / G858B(O)BC



G858G(S) / G858B(S)



G858G(S)BC / G858B(S)BC



G8XX, TYPE C SERIES

HAND-HELD DOUBLE INJECTION PLASTIC ENCLOSURE



PRODUCT INFORMATION

MATERIAL:

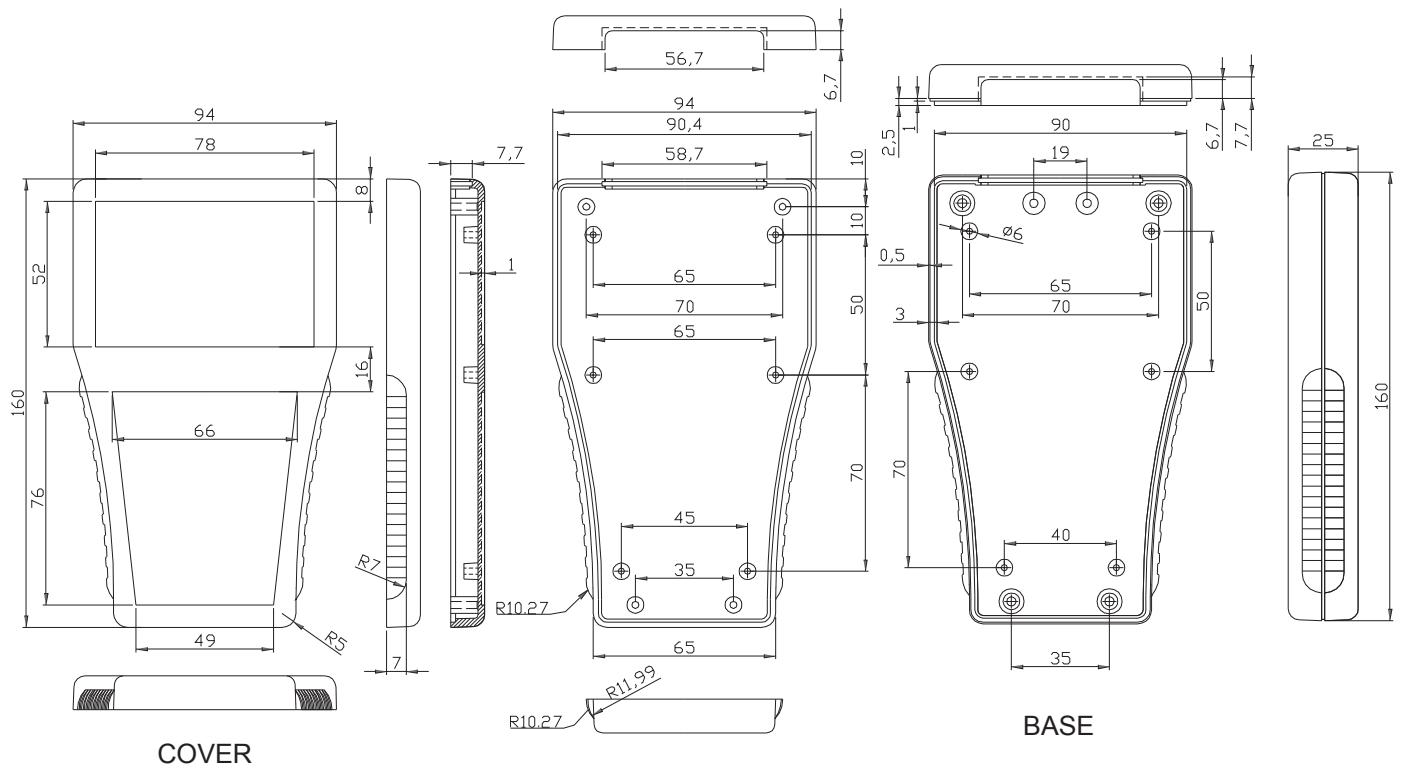
- Moulded in high impact ABS, grey and black color.

FEATURES:

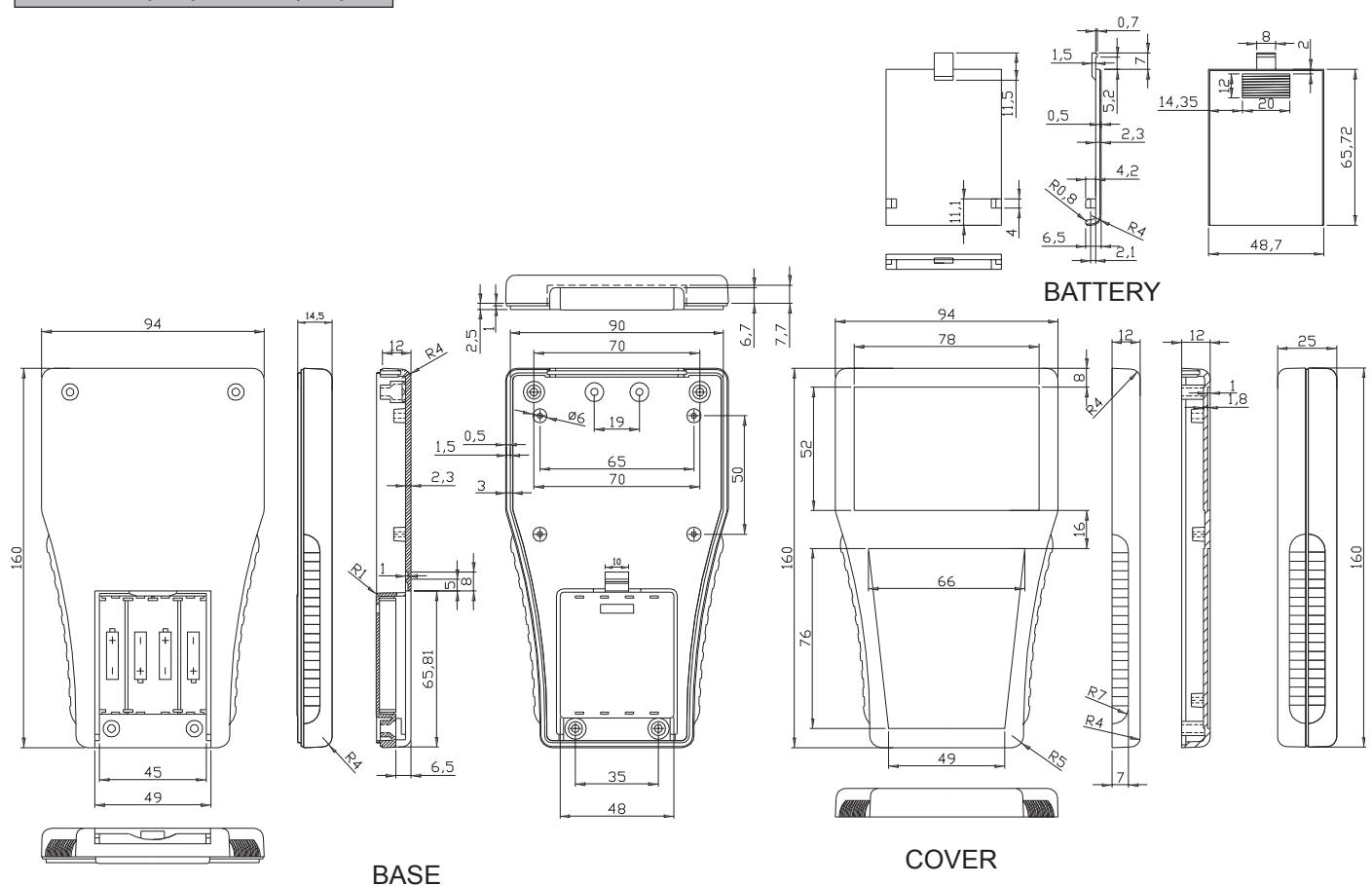
- Molded dark grey rubber sides for durability and grip.
- Designed to accept 2 AAA battery or 4 AAA battery.
- Recessed display area : 78 x 52 mm.
- “ G808-4AAA ” – 4 AAA battery contact kit is available.
- “ G808-2AAA ” – 2 AAAa battery contact kit is available.
- “ G900B Clip ” – Black belt clip and “ G900G Clip ” – Grey belt clip is available for ordering.
- G939TP ” – Red transparent panel is also available.

ITEM NO.	COLOR	BATTERY COMPARTMENT
G808G	Grey	No
G808B	Black	No
G808G(BC)	Grey	Yes
G808B(BC)	Black	Yes
G808-2AAA	2 AAA Battery contact kit	
G808-4AAA	4 AAA Battery contact kit	

G808G/G808B

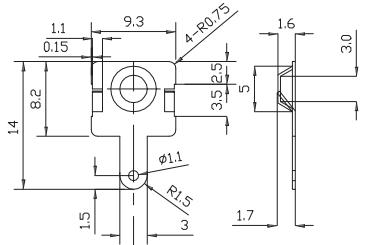


G808G(BC)/G808B(BC)

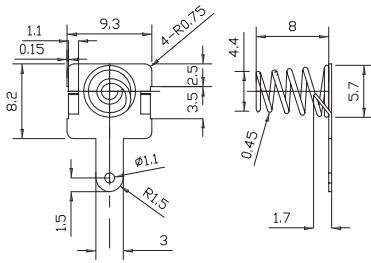


G808-2AAA

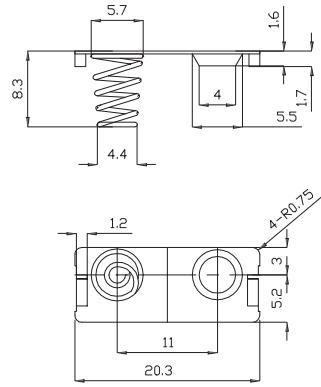
70978-000(X1)+70979-000(X1)+70980-000(X1)



70978-000



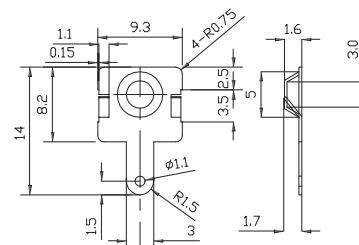
70979-000



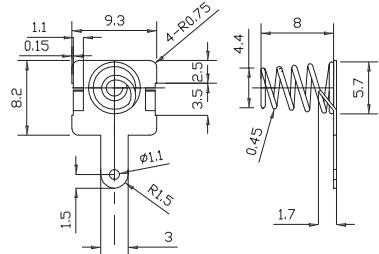
70980-000

G808-4AAA

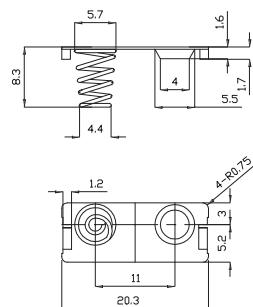
70978-000(X1)+70979-000(X1)+70980-000(X1)+70980-040(x2)



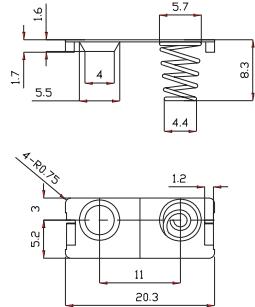
70978-000



70979-000



70980-000



70980-040

HAND-HELD ELECTRONIC ENCLOSURE



PRODUCT INFORMATION

MATERIAL: High-impact ABS Plastic.

FEATURES:

- Grey and black color are available for selection.
- Designed to accept two "AA" battery.
- Grey and black belt clip are available for ordering.
- G0310-AA battery contact kit is available for ordering.

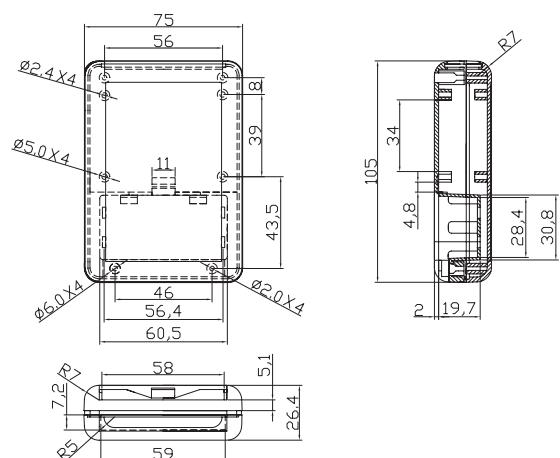
Example



G0310



ITEM No.	EXTERNAL DIMENSION(mm)
G909G	105 X 75 X 26.4
G909B	105 X 75 X 26.4
G0310	AA Battery Contact Kit
G900G CLIP	Grey Belt Clip
G900B CLIP	Black Belt Clip



G9XX, TYPE B SERIES

NEW HAND-HELD ELECTRONIC ENCLOSURE



PRODUCT INFORMATION

MATERIAL: High-impact ABS UL94-HB or UL94-V0 plastic.

FEATURES:

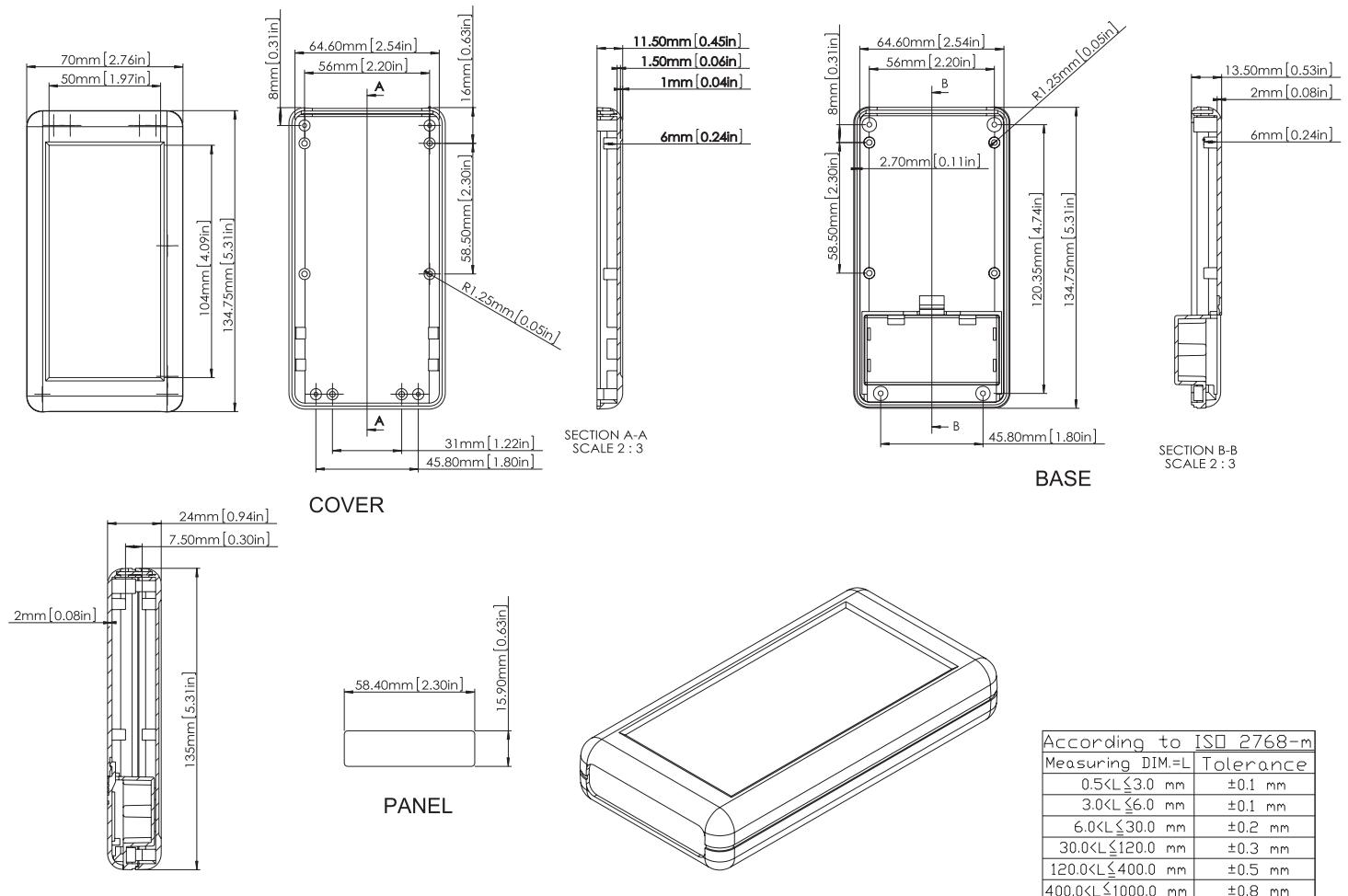
- Grey and black color are available for selection.
- Designed to accept two "AA" battery.
- Grey and black belt clip are available for ordering.
- G0310-AA battery contact kit is available for ordering.

ITEM No.	DESCRIPTION
G939G	High Impact ABS Grey
G939B	High Impact ABS Black
G939GUL	UL94-V0, ABS Grey
G939BUL	UL94-V0, ABS Black
G0310	"AA" Battery Contact Kits
G939TP	Red Transparent Panel



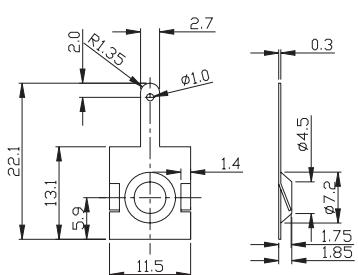
G0310

G939G / G939B

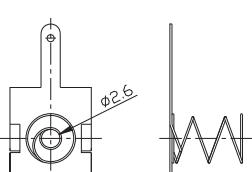


G0310

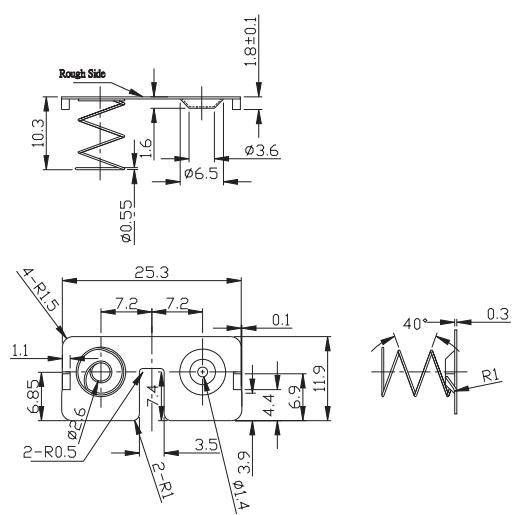
30310-000(X1)+30320-000(X1)+30500-000(X1)



30310-000



30320-000



30500-000

MEDIUM SIZE HAND-HELD ABS ENCLOSURE



PRODUCT INFORMATION

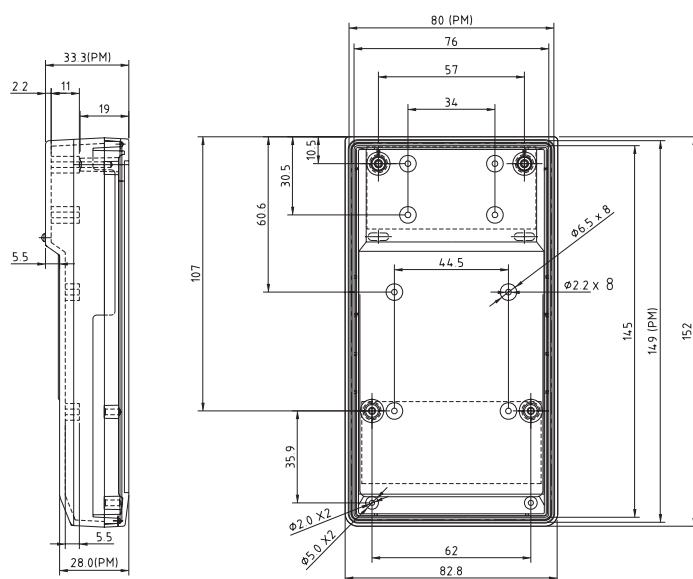
MATERIAL:

- High-impact ABS plastic.
- Available in light grey and black colours.

FEATURES:

- Consumer product.
- Remote control.
- Controller interface.
- Field test kits.
- Personal application.

ITEM No.	EXTERNAL DIMENSION(mm)
G959G	152 X 82.8 X 33.3
G959B	152 X 82.8 X 33.3



MEDIUM SIZE HAND-HELD ABS ENCLOSURE



PRODUCT INFORMATION

MATERIAL: High impact ABS

FEATURES:

- Available with either a solid display area or a cutout.
- The top and bottom parts incorporate a tongue and groove sealing system which accept gasketing.
- The gasket is available as a separate item.
- Available with a battery compartment in the back which accept a 9V 216 type. Or two AA batteries
- A durable and professional moulded tilting bail is available which also can be used to wall mount the enclosures.
- Available in black and light grey as standard colour. Customer colour is available on indent.
- Case is held together by 4 PCS brass inserts in the LID and M-3 screws supplied.
- Recessed display area: 115.5 x 85.5mm.
- Cutout area: 71.5 x 35mm.

Example



G968G(0)



G968G(S)

ITEM No.	COLOR	DISPLAY AREA
G968G(0)	Grey	Cutout
G968B(0)	Black	Cutout

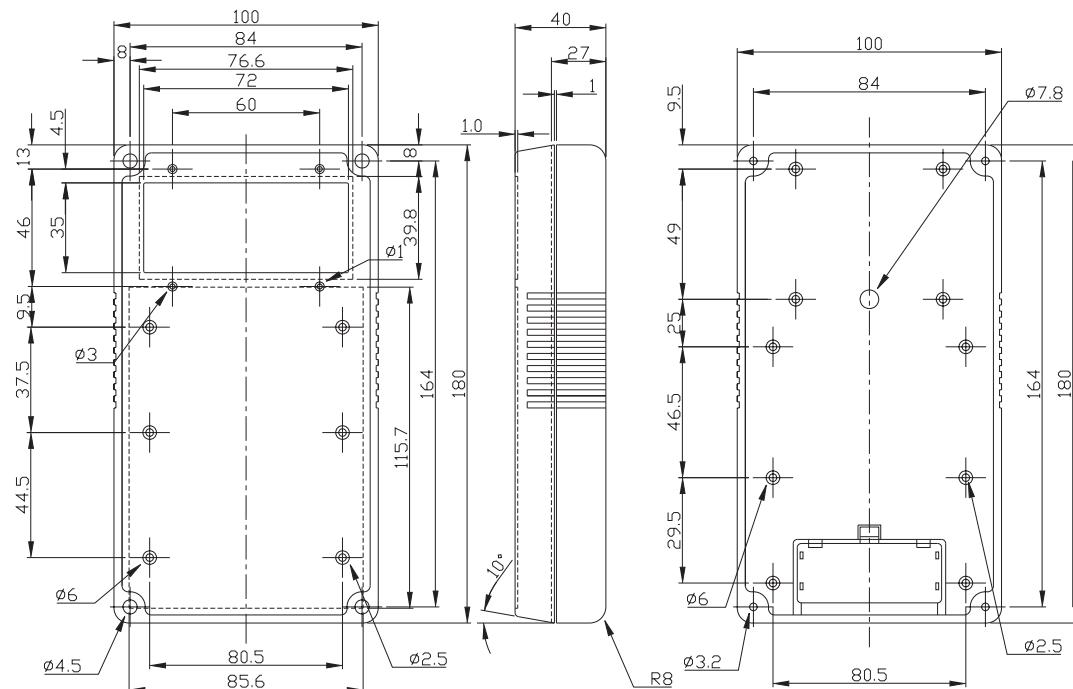
ITEM No.	COLOR	DISPLAY AREA
G968G(S)	Grey	Solid
G968B(S)	Black	Solid

G968GSKT	Grey	Sealing Gasket
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Example Sealing Gasket



G968



JUMBO SIZE HAND-HELD PLASTIC-CASE



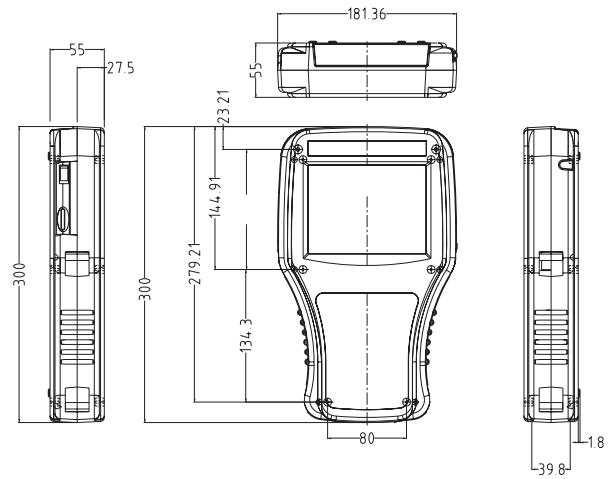
PRODUCT INFORMATION

MATERIAL: High impact ABS.

FEATURES:

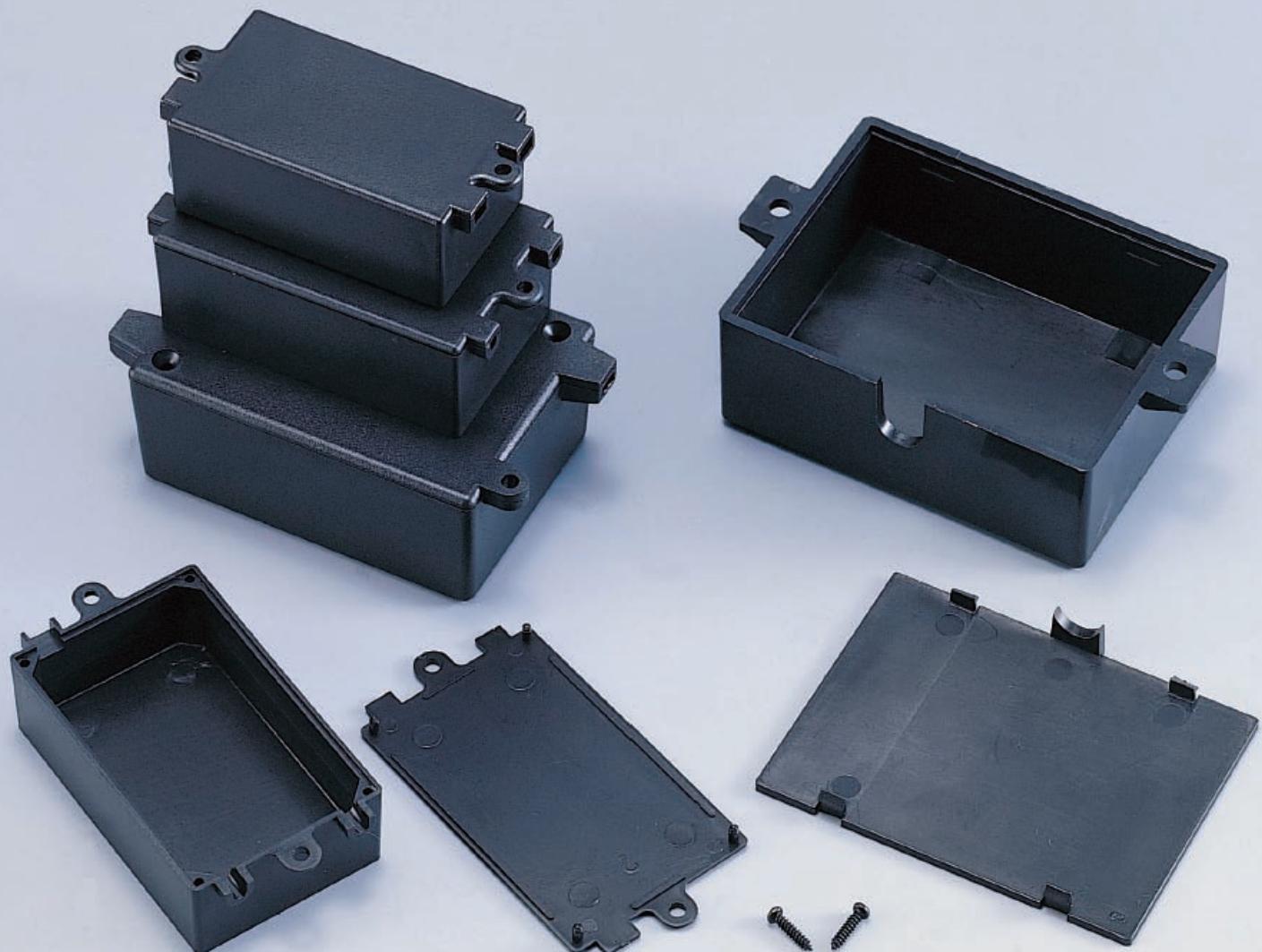
- Two colours are available in black and light grey.
- Available with open display window or solid front.
- Recessed display area: 119.0x89.0mm.
- Recessed keyboard area: 104.04 / 83.85 x 118.35

ITEM No.	COLOR	DISPLAY AREA	EXTERNAL DIMENSION(mm)
G999G(0)	Grey	Cutout	300 X 181.3 X 55
G999G(S)	Grey	Solid	300 X 181.3 X 55
G999B(0)	Black	Cutout	300 X 181.3 X 55
G999B(S)	Black	Solid	300 X 181.3 X 55
G999CP	Transparent		127.83 X 97.83 X 2.0



G10XX, TYPE A SERIES

UTILITY BOX



PRODUCT INFORMATION

MATERIAL:

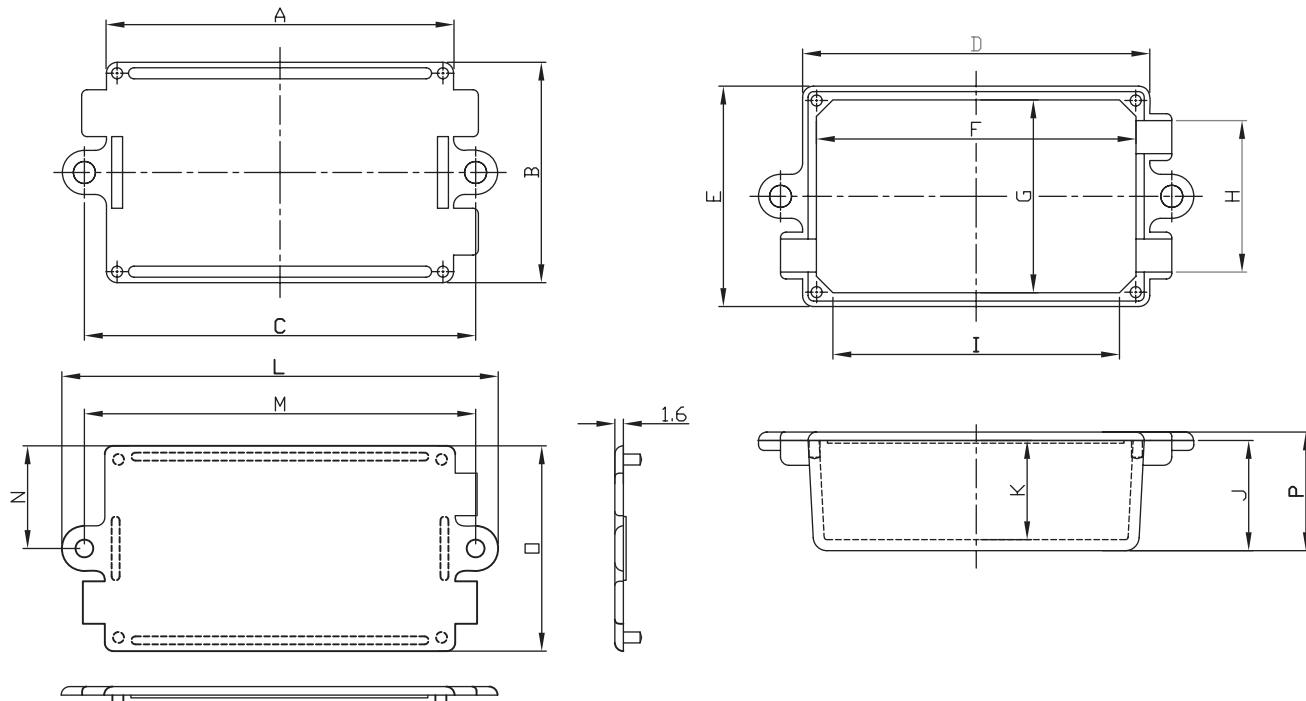
- High-impact ABS UL94-HB plastic, black.

FEATURES:

- With close-fitting interlocking Lid.
- With external mounting brackets.
- With cable outlets.

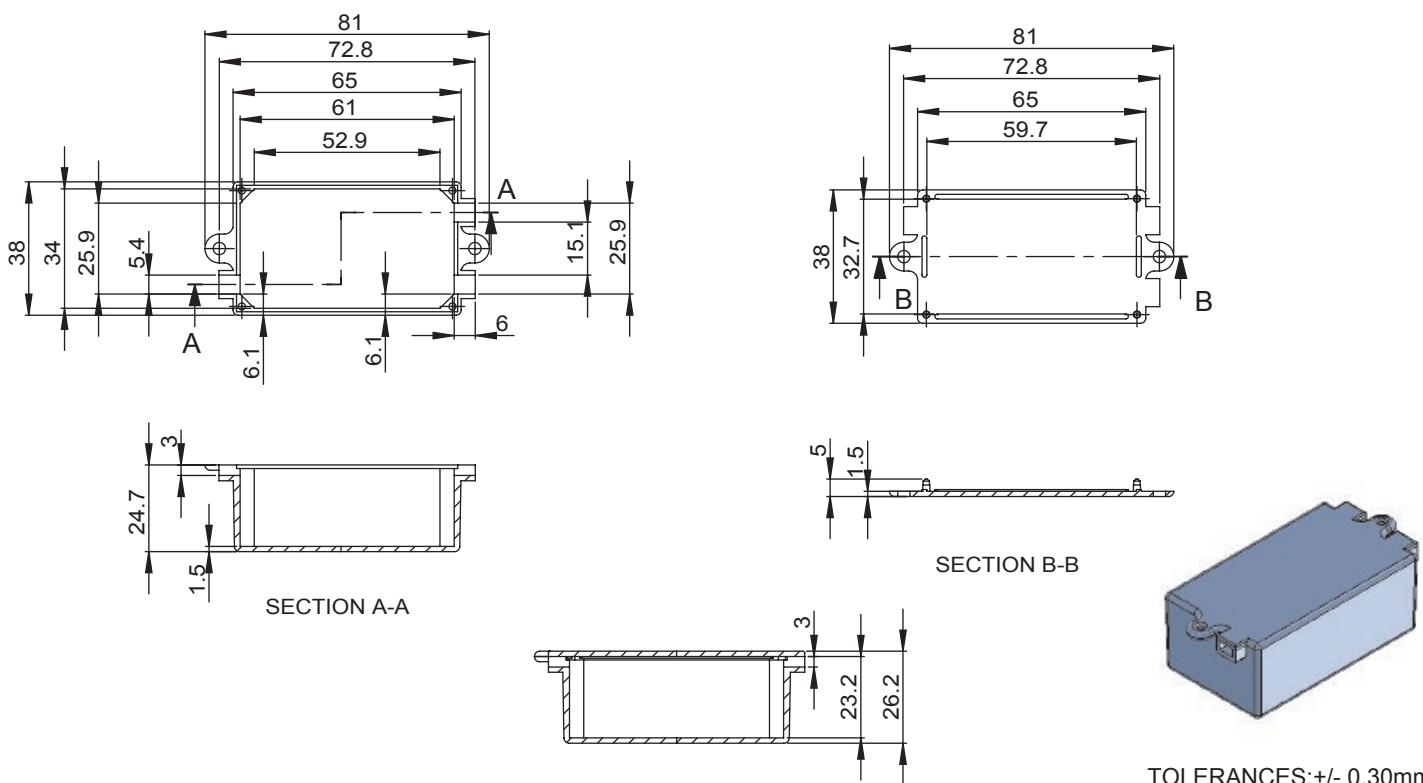
ITEM No.	EXTERNAL DIMENSION(MM)
G1011	65 x 38 x 22
G1013	65 x 38 x 27
G1015	72 x 44 x 22
G1017	72 x 44 x 27
G1018	88 x 68 x 32.7
G1019	82 x 57 x 33

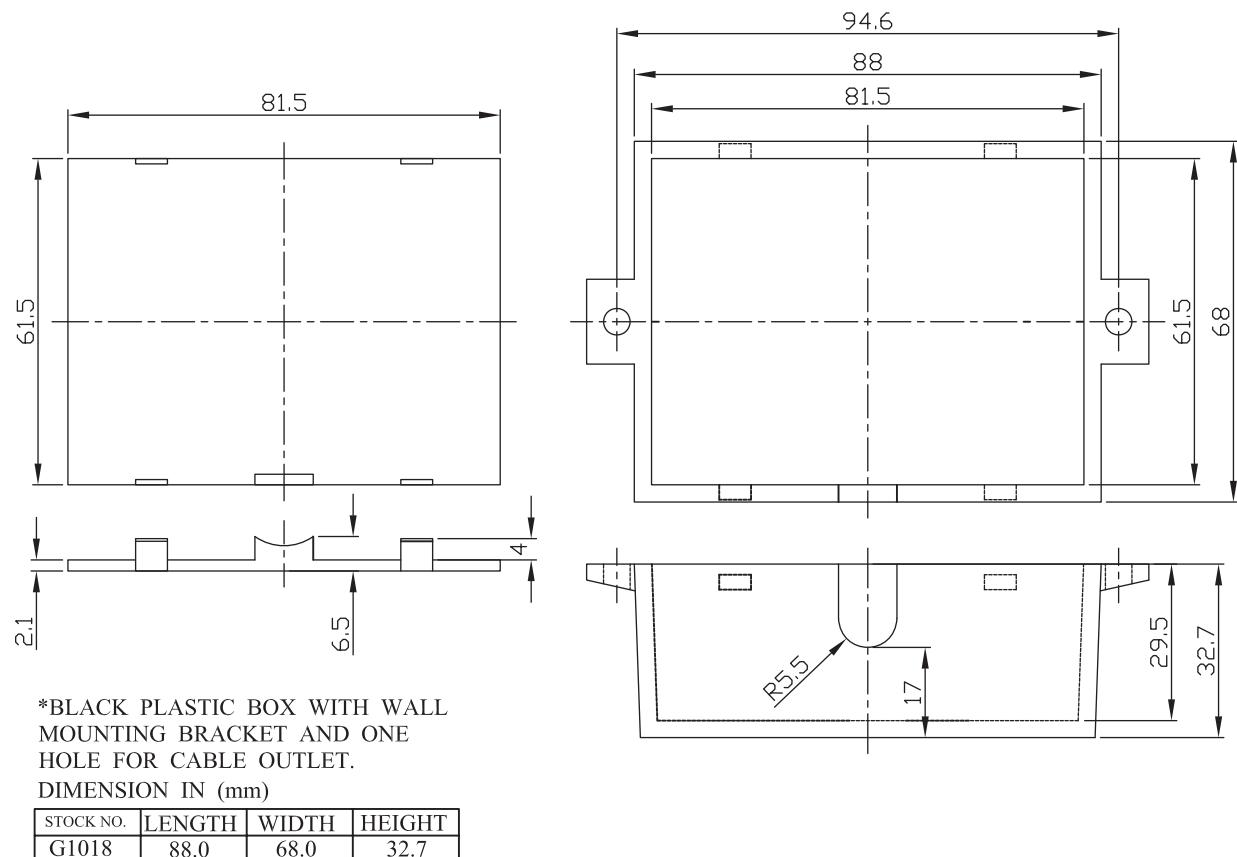
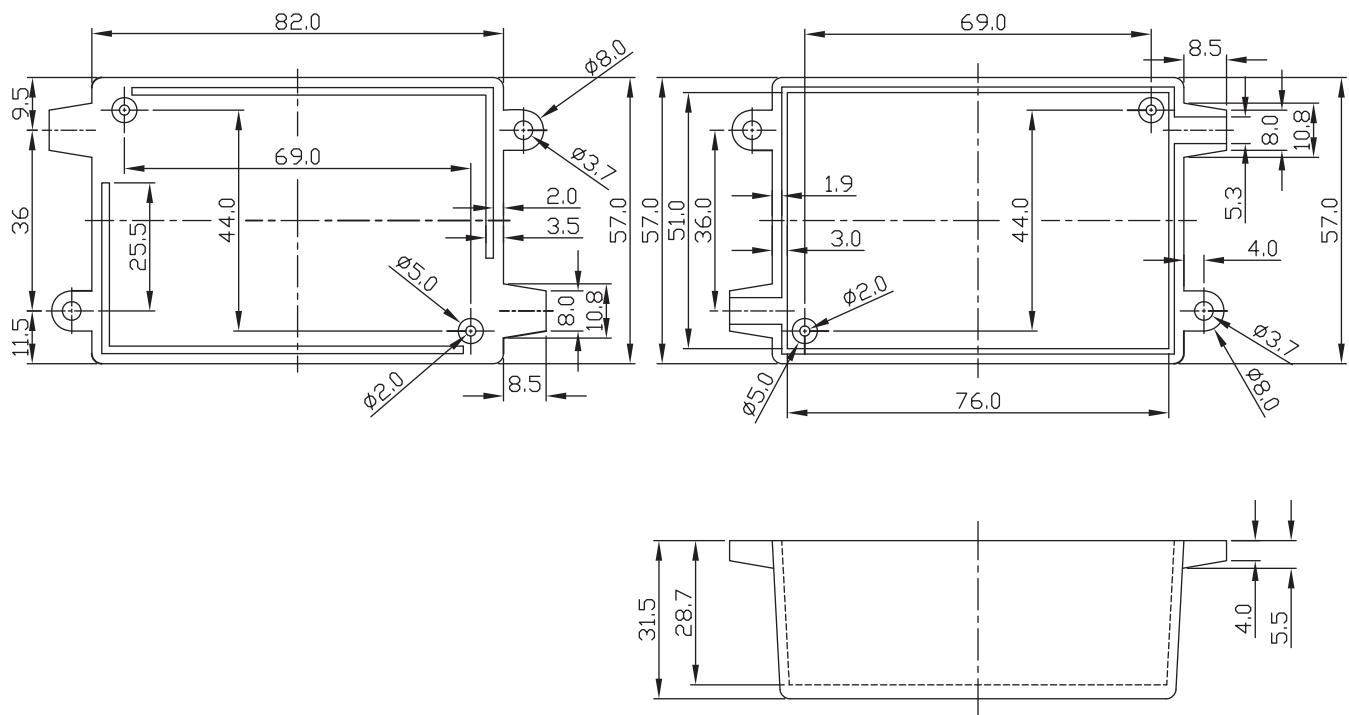
G1011,G1015,G1017



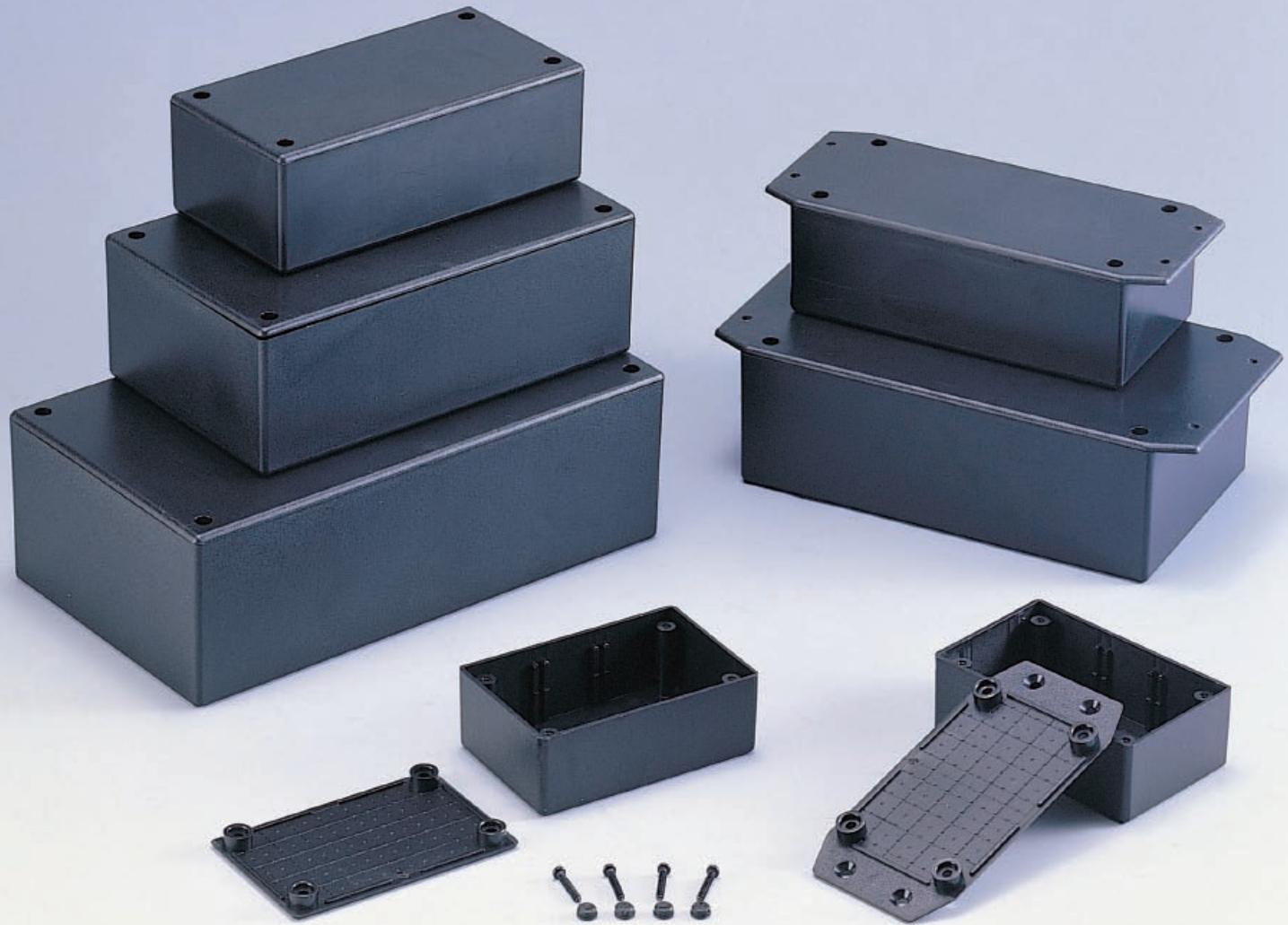
PART NO.	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
G1011	65.0	38.0	72.6	65.0	38.0	60.5	33.5	25.4	52.5	20.0	18.2	81.0	72.6	19.0	38.0	21.6
G1015	72.0	44.0	80.0	72.0	44.0	67.5	39.5	31.3	59.0	20.0	18.2	88.4	80.0	22.0	44.0	21.6
G1017	72.0	44.0	80.0	72.0	44.0	67.5	39.5	31.3	59.0	25.0	23.2	88.4	80.0	22.0	44.0	26.6

G1013



G1018**G1019**

NEW SUPER ECON-PLASTIC PLASTIC PROJECT CASES



PRODUCT INFORMATION

MATERIAL:

- High impact ABS plastic UL94-HB.

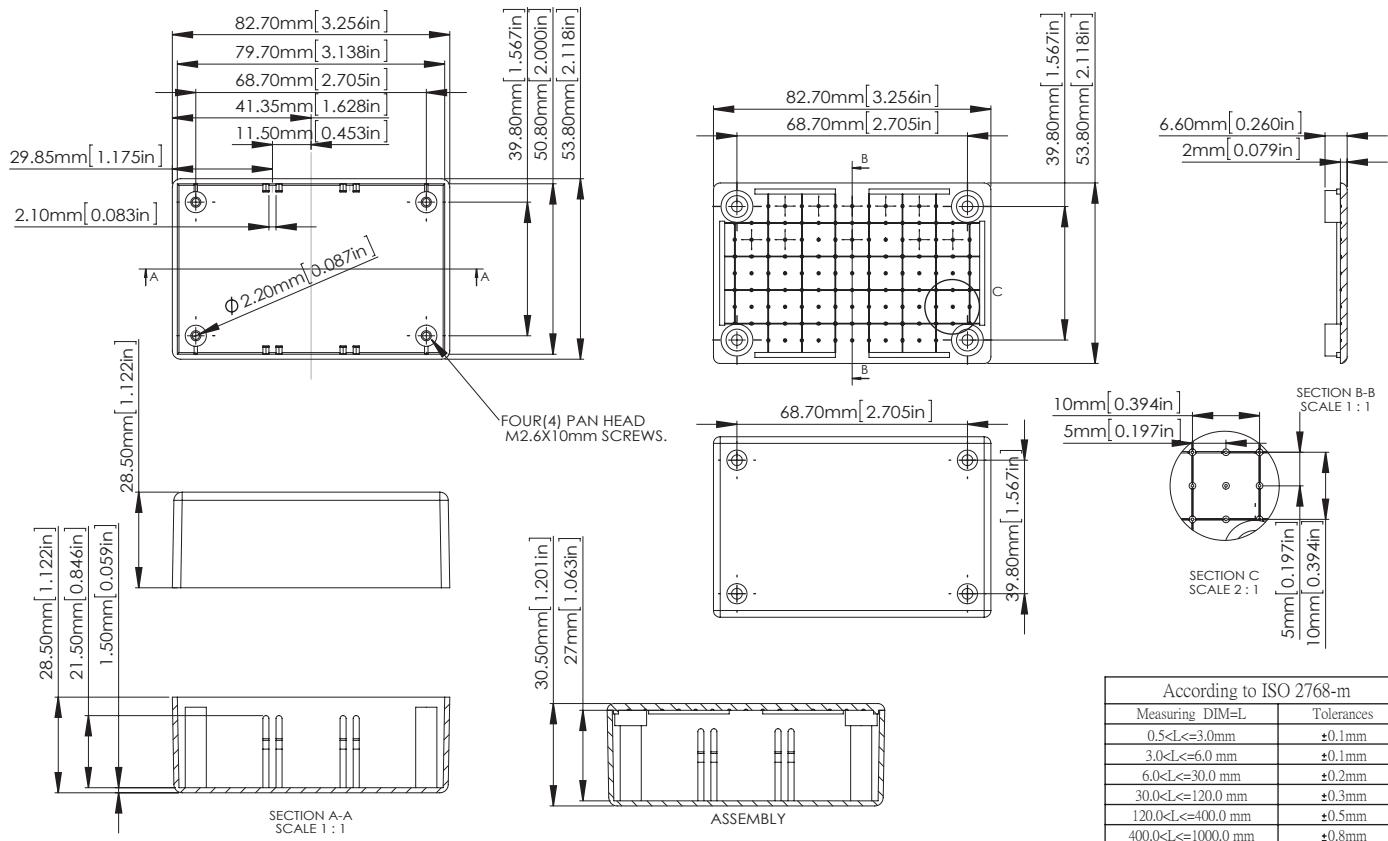
FEATURES:

- The special retaining rails can hold PCB horizontally and vertically.
- There are recessed grids on top lid and bottom for users to make cutouts and central points easily.
- 4 pcs screws and 4 pcs screws plugs are included.

ITEM No.	EXTERNAL DIMENSION(mm)
G1020B	54 X 83 X 30
G1022B	68 X 130 X 44
G1024B	95 X 157.8 X 53
G1025B	113 X 197.4 X 63
G1020BF	54 X 83 X 30
G1022BF	68 X 130 X 44
G1024BF	95 X 157.8 X 53
G1025BF	113 X 197.4 X 63

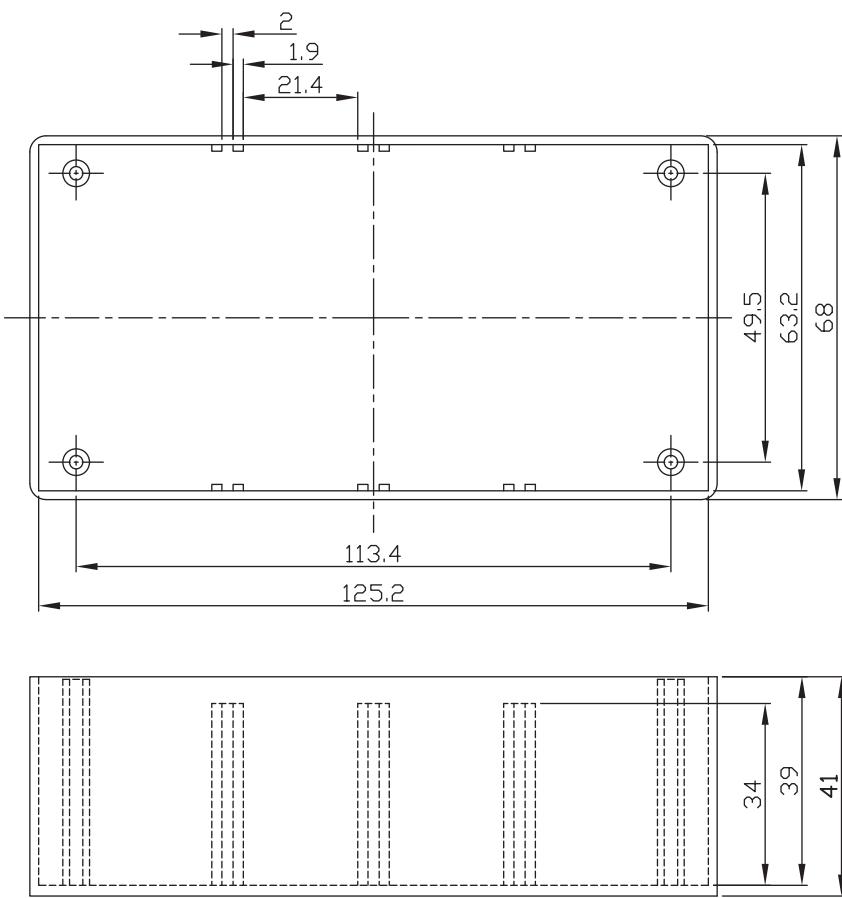
- Special color is available on request

G1020B



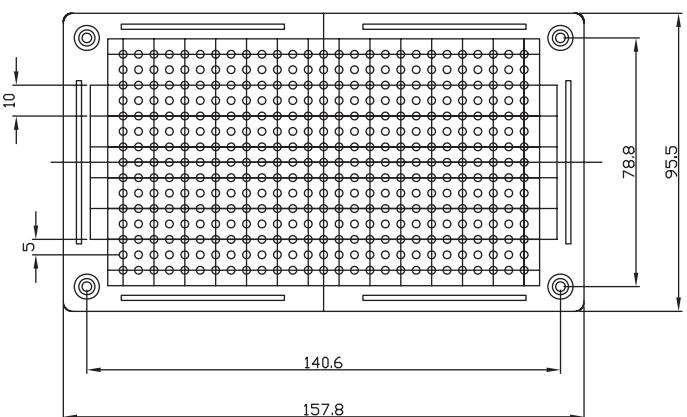
According to ISO 2768-m	
Measuring DIM-L	Tolerances
$0.5 < L \leq 3.0\text{mm}$	$\pm 0.1\text{mm}$
$3.0 < L \leq 6.0\text{ mm}$	$\pm 0.1\text{mm}$
$6.0 < L \leq 30.0\text{ mm}$	$\pm 0.2\text{mm}$
$30.0 < L \leq 120.0\text{ mm}$	$\pm 0.3\text{mm}$
$120.0 < L \leq 400.0\text{ mm}$	$\pm 0.5\text{mm}$
$400.0 < L \leq 1000.0\text{ mm}$	$\pm 0.8\text{mm}$

G1022B

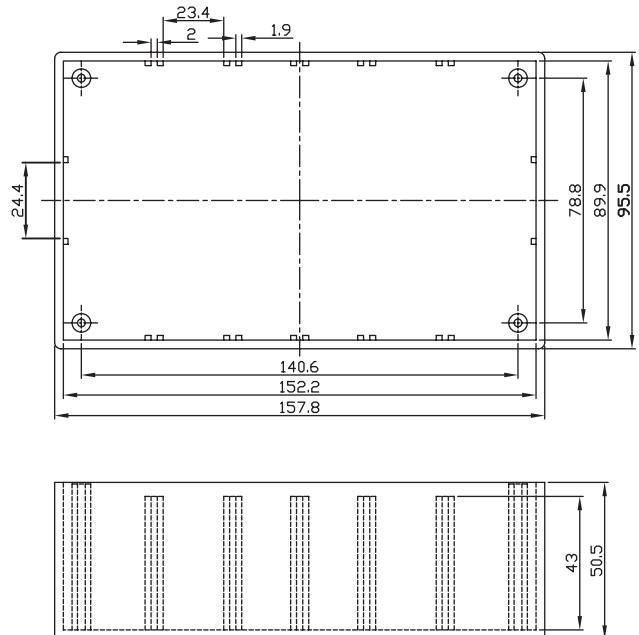
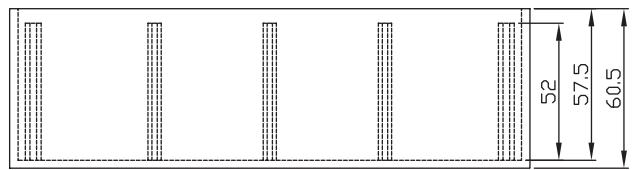
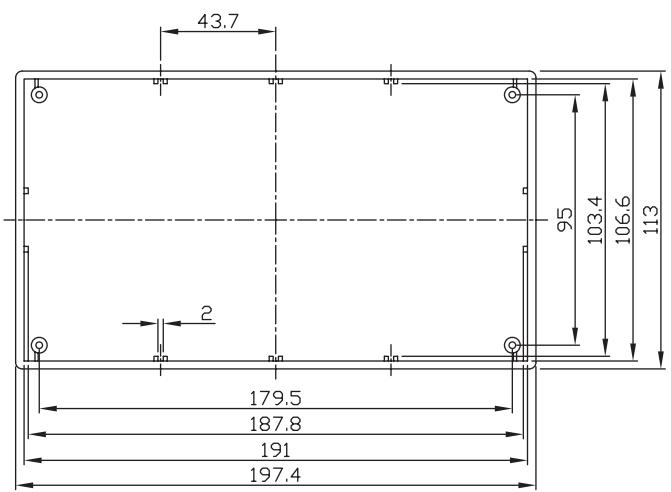
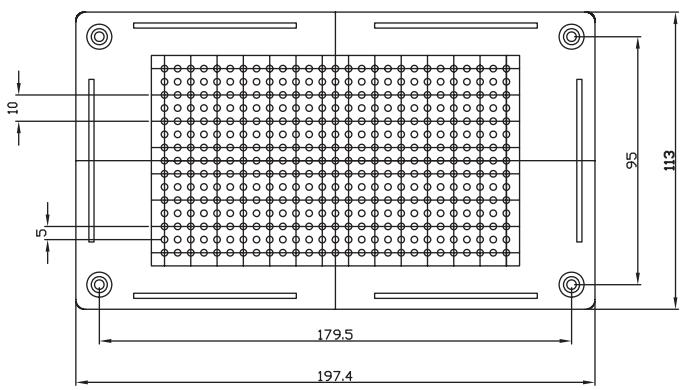


G1024B

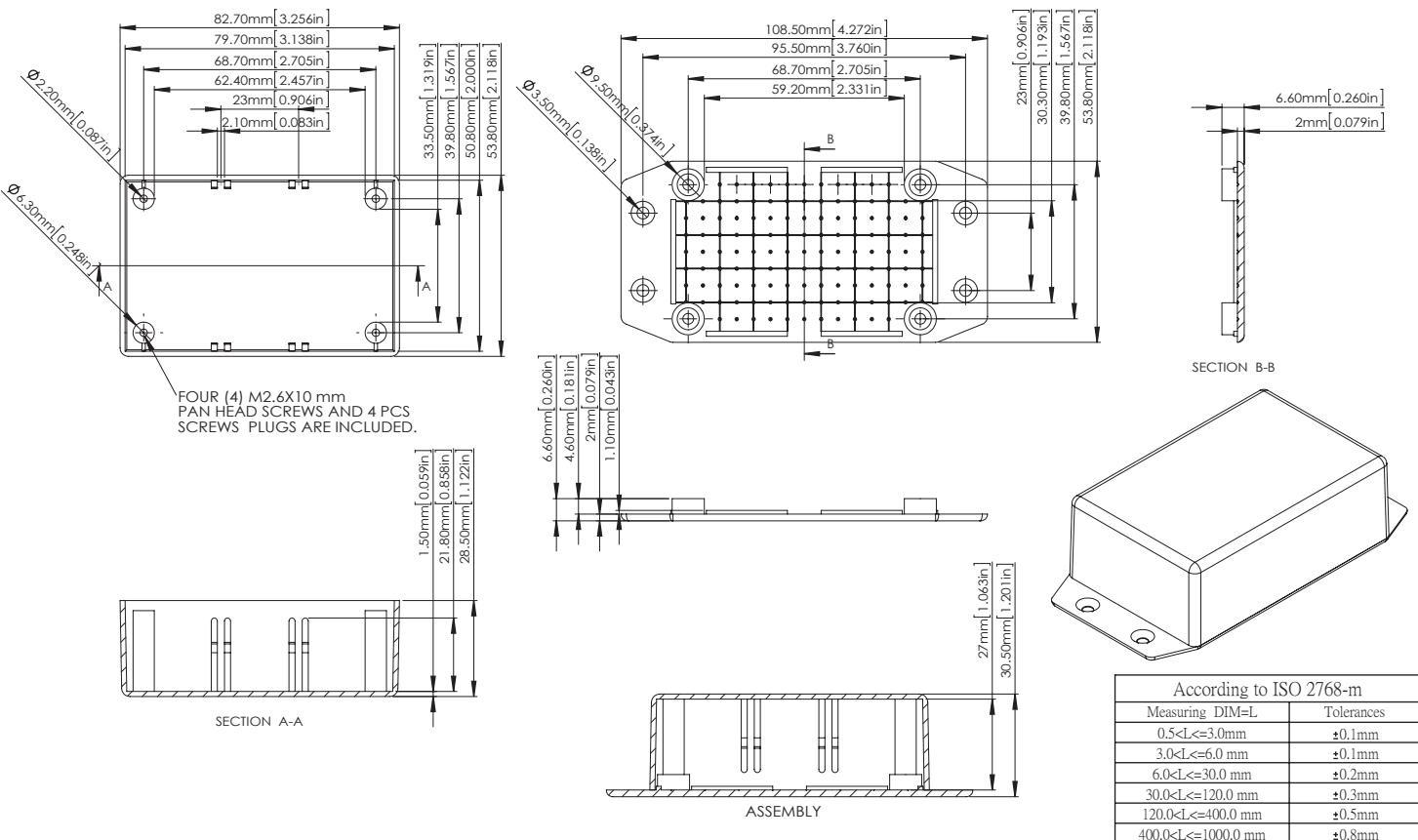
G1024T



G1024B

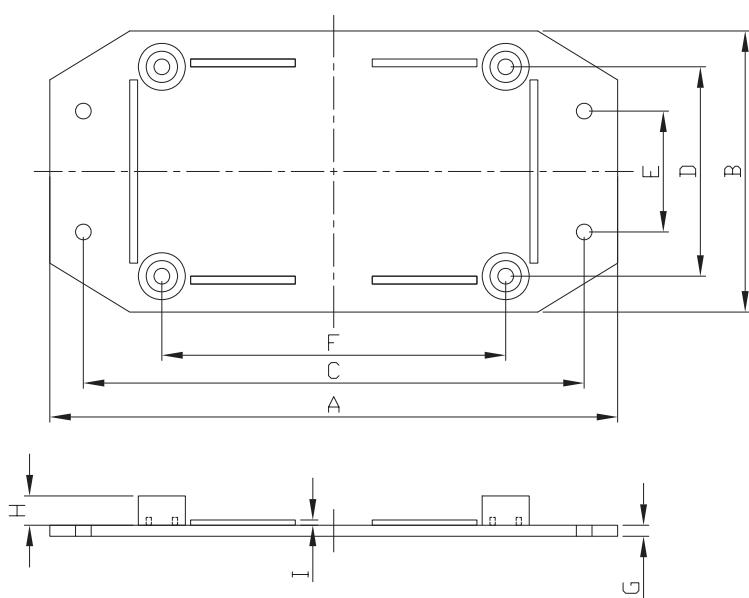
**G1025B**

G1020BF



According to ISO 2768-m	
Measuring DIM=L	Tolerances
0.5<L<=3.0mm	±0.1mm
3.0<L<=6.0 mm	±0.1mm
6.0<L<=30.0 mm	±0.2mm
30.0<L<=120.0 mm	±0.3mm
120.0<L<=400.0 mm	±0.5mm
400.0<L<=1000.0 mm	±0.8mm

G1022BF / G1024BF / G1025BF



*PLASTIC BOX WITH PLASTIC FLANGED LID FOR WALL MOUNTING.

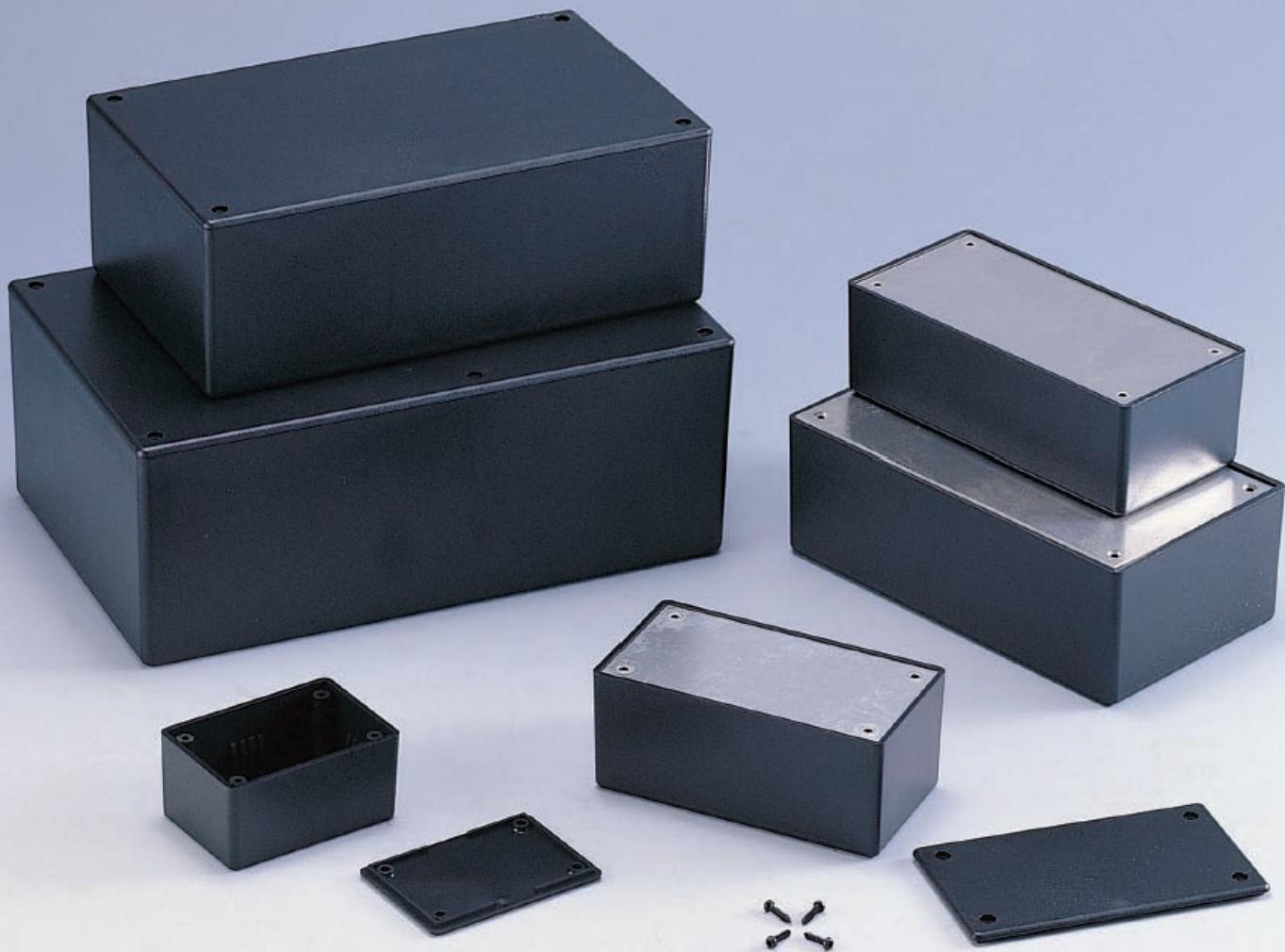
DIMENSION IN (mm)

STOCK NO.	A	B	C	D	E	F	G	H	I
G1022BF	156.0	67.1	143.1	49.5	30.4	113.2	2.6	3.5	1.0
G1024BF	185.7	95.5	171.0	78.8	55.0	140.6	2.6	3.5	1.0
G1025BF	225.0	113.0	211.0	95.0	60.1	179.5	2.8	3.5	1.0

REGARDING THE DIMESION OF BASE , PLEASE REFER TO DRAWINGS OF G1020 SERIES.

G10XX, TYPE C SERIES

NEW UTILITY BOXES



PRODUCT INFORMATION

MATERIAL:

- High-impact ABS UL94-HB plastic, black.

FEATURES:

- Plastic cover and aluminium cover panel are available.
- Card Guides accept 1.6mm thick card.



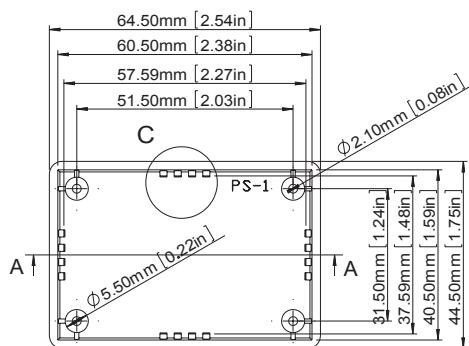
G1032B



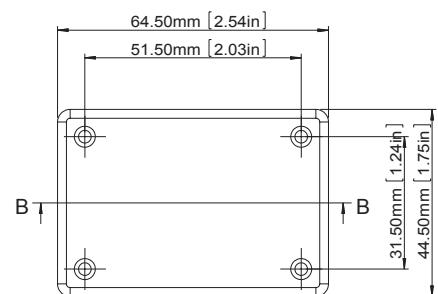
G1032BA

ITEM No.	COLOR		ITEM No.	COLOR		EXTERNAL DIMENSION(mm)
	LID	BASE		LID	BASE	
G1031B	Black	Black	G1031BA	Aluminium Panel	Black	64.0 x 44.0 x 32.0
G1032B	Black	Black	G1032BA	Aluminium Panel	Black	101.0 x 54.0 x 43.8
G1033B	Black	Black	G1033BA	Aluminium Panel	Black	129.0 x 64.0 x 44.0
G1034B	Black	Black	G1034BA	Aluminium Panel	Black	151.0 x 90.0 x 53.2
G1037B	Black	Black	G1037BA	Aluminium Panel	Black	189.0 x 113.0 x 66.6
G1039B	Black	Black	G1039BA	Aluminium Panel	Black	217.0 X 138.0 X 82.2

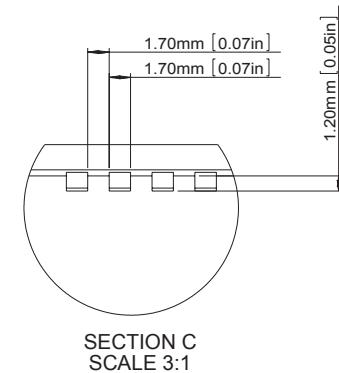
G1031B



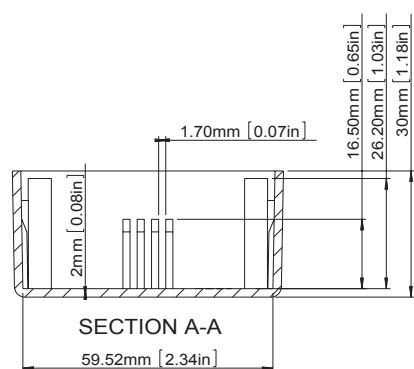
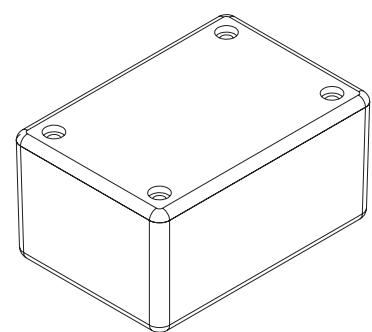
BASE



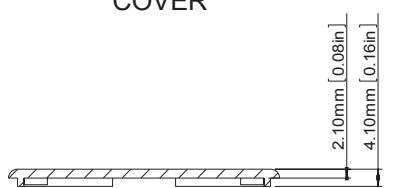
COVER



SECTION C
SCALE 3:1



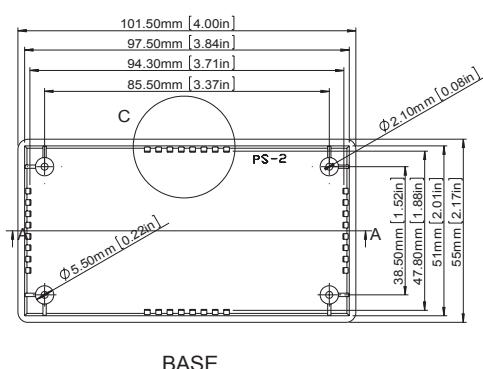
SECTION A-A



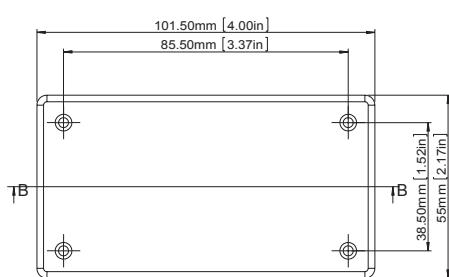
SECTION B-B

According to ISO 2768-m	
Measuring DIM=L	Tolerances
0.5<L<=3.0mm	±0.1mm
3.0<L<=6.0mm	±0.1mm
6.0<L<=30.0mm	±0.2mm
30.0<L<=120.0mm	±0.3mm
120.0<L<=400.0mm	±0.5mm
400.0<L<=1000.0mm	±0.8mm

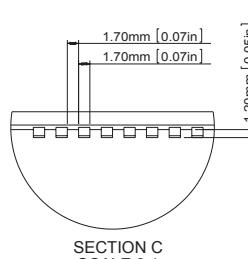
G1032B



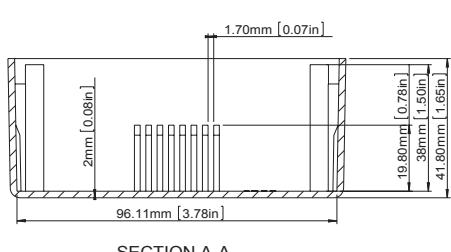
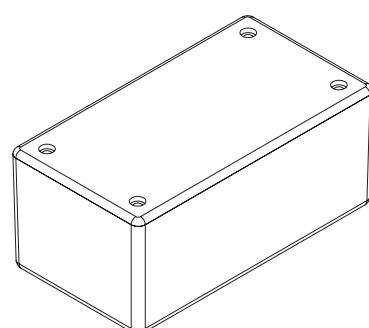
BASE



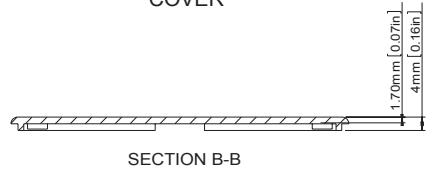
COVER



SECTION C
SCALE 2:1



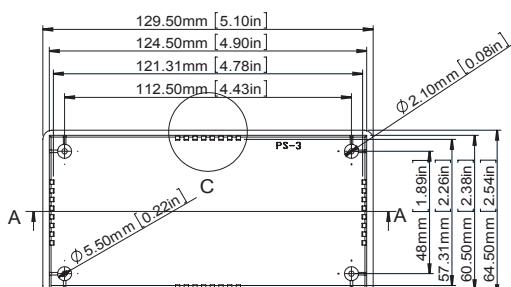
SECTION A-A



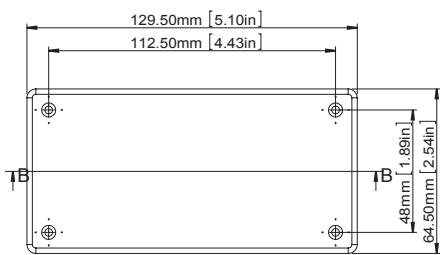
SECTION B-B

According to ISO 2768-m	
Measuring DIM=L	Tolerances
0.5<L<=3.0mm	±0.1mm
3.0<L<=6.0mm	±0.1mm
6.0<L<=30.0mm	±0.2mm
30.0<L<=120.0mm	±0.3mm
120.0<L<=400.0mm	±0.5mm
400.0<L<=1000.0mm	±0.8mm

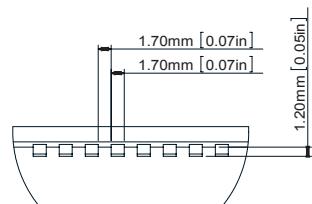
G1033B



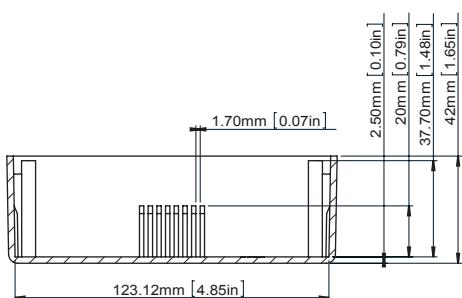
BASE



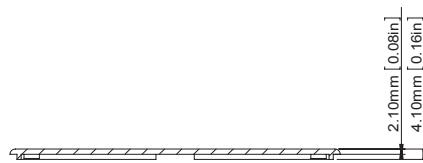
COVER



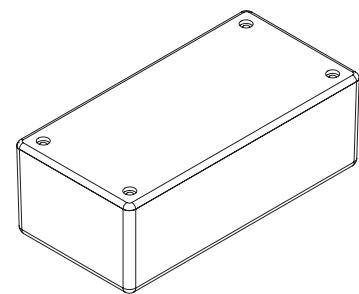
SECTION C
SCALE 2:1



SECTION A-A
SCALE 2 : 3



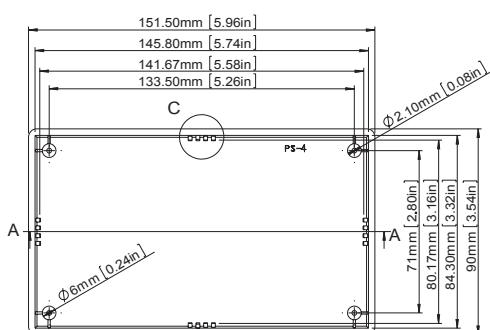
SECTION B-B
SCALE 2 : 3



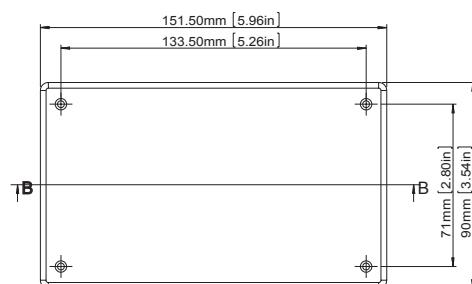
According to ISO 2768-m

Measuring DIM=L	Tolerances
0.5<L<=3.0mm	±0.1mm
3.0<L<=6.0mm	±0.1mm
6.0<L<=30.0mm	±0.2mm
30.0<L<=120.0mm	±0.3mm
120.0<L<=400.0mm	±0.5mm
400.0<L<=1000.0mm	±0.8mm

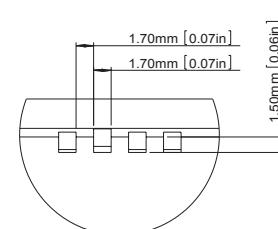
G1034B



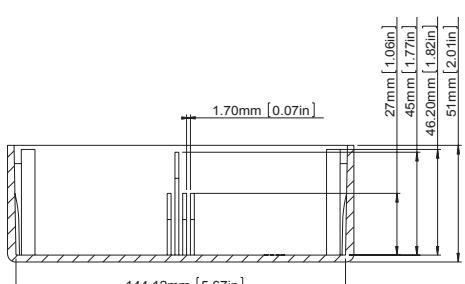
BASE



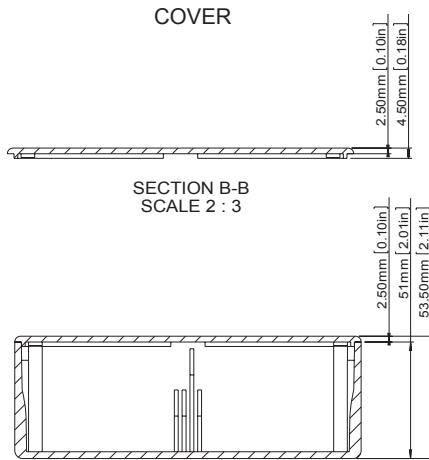
COVER



SECTION C
SCALE 3:1



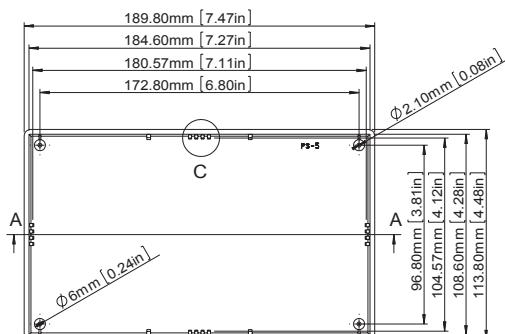
SECTION A-A
SCALE 2 : 3



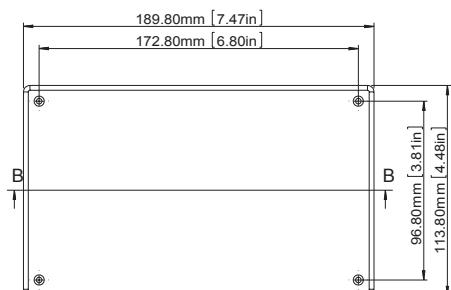
According to ISO 2768-m

Measuring DIM=L	Tolerances
0.5<L<=3.0mm	±0.1mm
3.0<L<=6.0mm	±0.1mm
6.0<L<=30.0mm	±0.2mm
30.0<L<=120.0mm	±0.3mm
120.0<L<=400.0mm	±0.5mm
400.0<L<=1000.0mm	±0.8mm

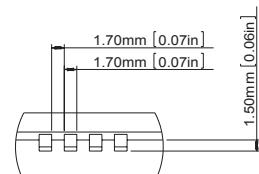
G1037B



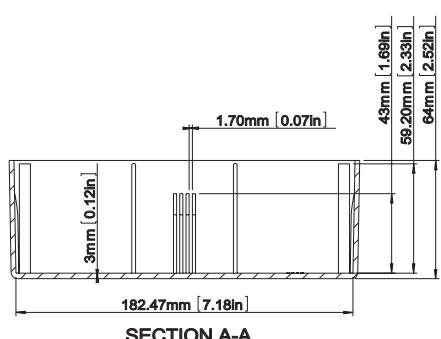
BASE



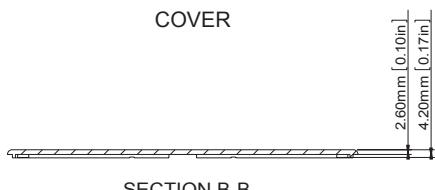
COVER



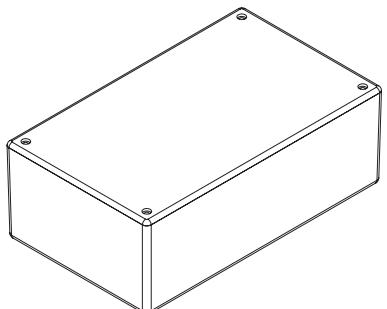
SECTION C
SCALE 2:1



SECTION A-A



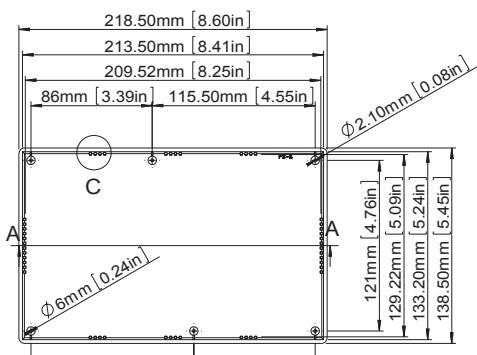
SECTION B-B



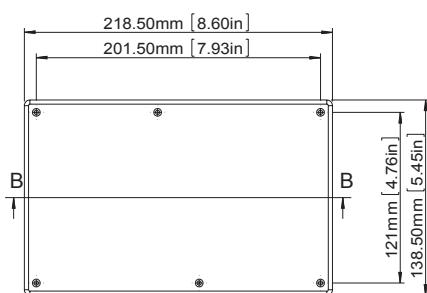
According to ISO 2768-m

Measuring DIM=L	Tolerances
0.5<L<=3.0mm	$\pm 0.1\text{mm}$
3.0<L<=6.0mm	$\pm 0.1\text{mm}$
6.0<L<=30.0mm	$\pm 0.2\text{mm}$
30.0<L<=120.0mm	$\pm 0.3\text{mm}$
120.0<L<=400.0mm	$\pm 0.5\text{mm}$
400.0<L<=1000.0mm	$\pm 0.8\text{mm}$

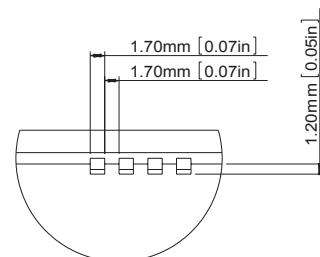
G1039B



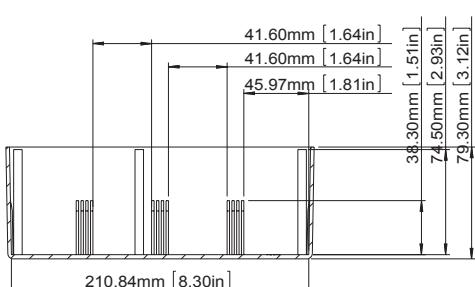
BASE



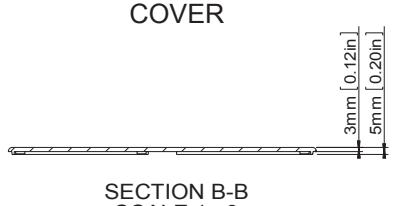
COVER



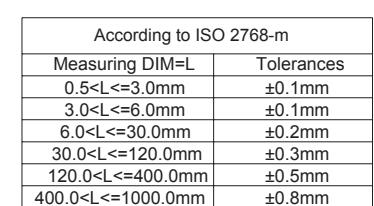
SECTION C
SCALE 2:1



SECTION A-A
SCALE 1 : 3



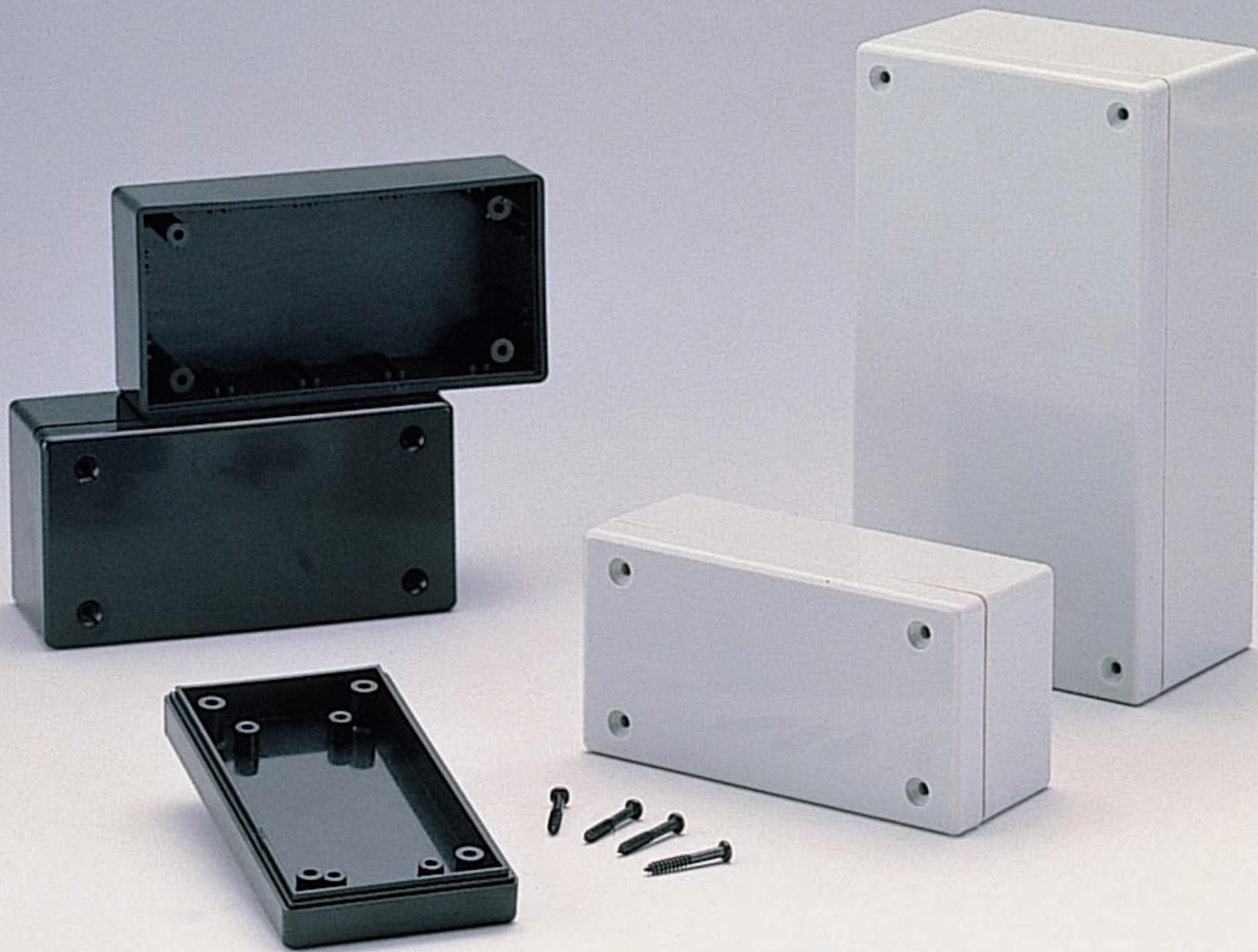
SECTION B-B
SCALE 1 : 3



According to ISO 2768-m

Measuring DIM=L	Tolerances
0.5<L<=3.0mm	$\pm 0.1\text{mm}$
3.0<L<=6.0mm	$\pm 0.1\text{mm}$
6.0<L<=30.0mm	$\pm 0.2\text{mm}$
30.0<L<=120.0mm	$\pm 0.3\text{mm}$
120.0<L<=400.0mm	$\pm 0.5\text{mm}$
400.0<L<=1000.0mm	$\pm 0.8\text{mm}$

UTILITY BOXES



PRODUCT INFORMATION

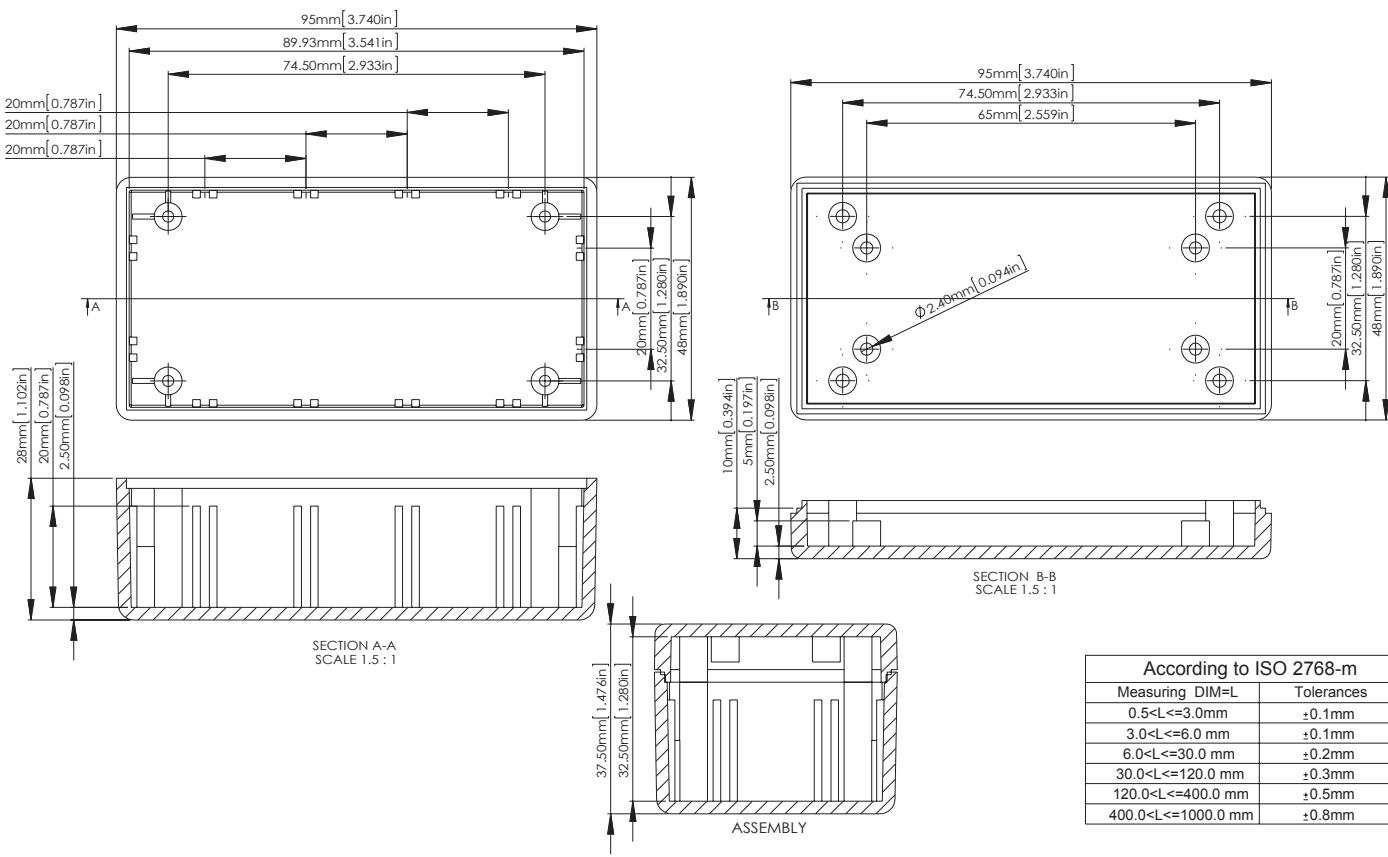
MATERIAL: High impact ABS UL94-HB, black and grey.

FEATURES:

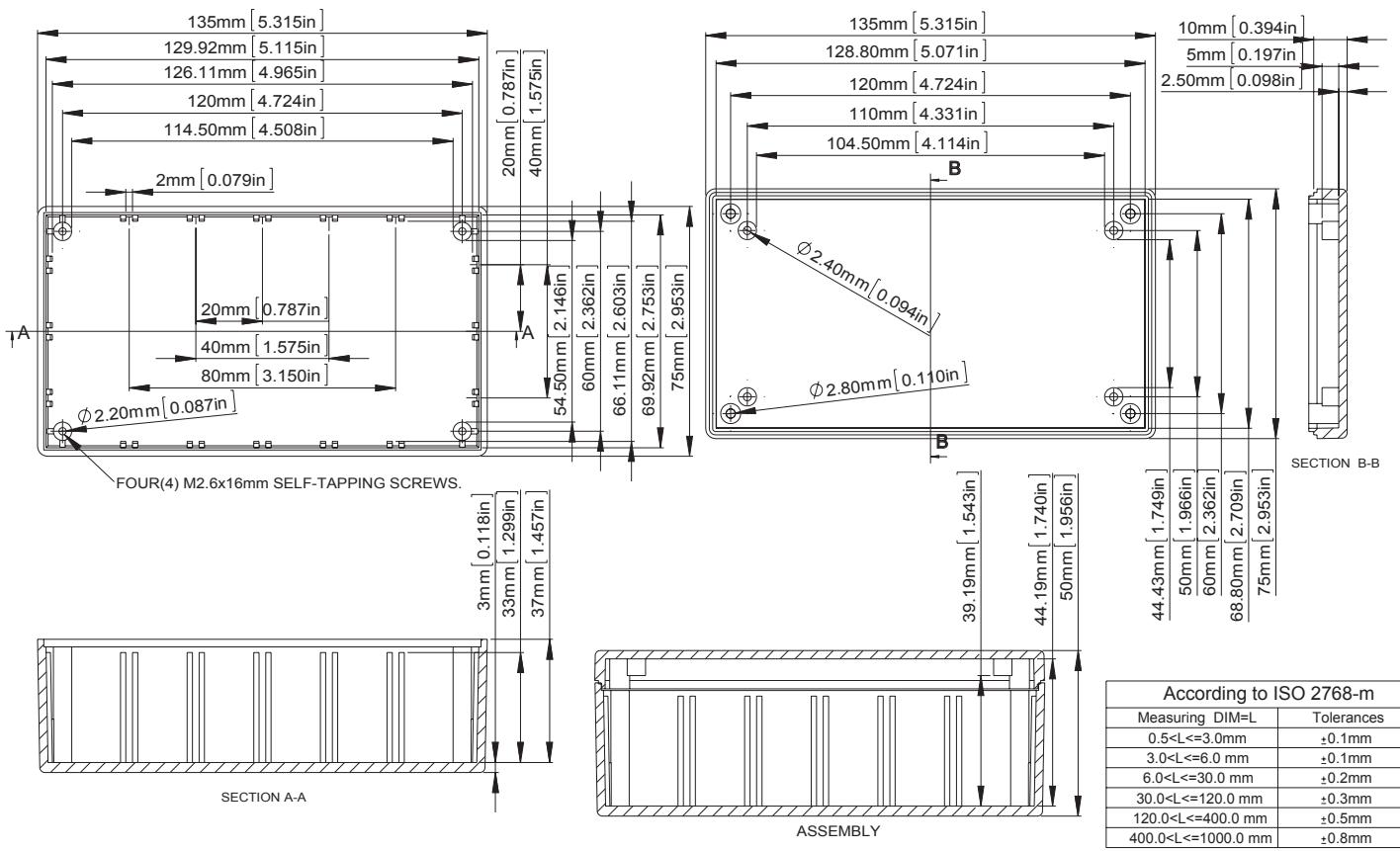
- Card guides spaced at 20mm centers allow flexibility of components placement or creation of compartments for potting. Guides accept 1.6mm thick cards.

ITEM No.	COLOR	EXTERNAL DIMENSION (MM)
G1068G	Grey	95 x 48 x 38
G1068B	Black	95 x 48 x 38
G1098G	Grey	135 x 75 x 50
G1098B	Black	135 x 75 x 50

G1068



G1098



G11XX, TYPE A SERIES

SLOPPED HAND-HELD ENCLOSURES



PRODUCT INFORMATION

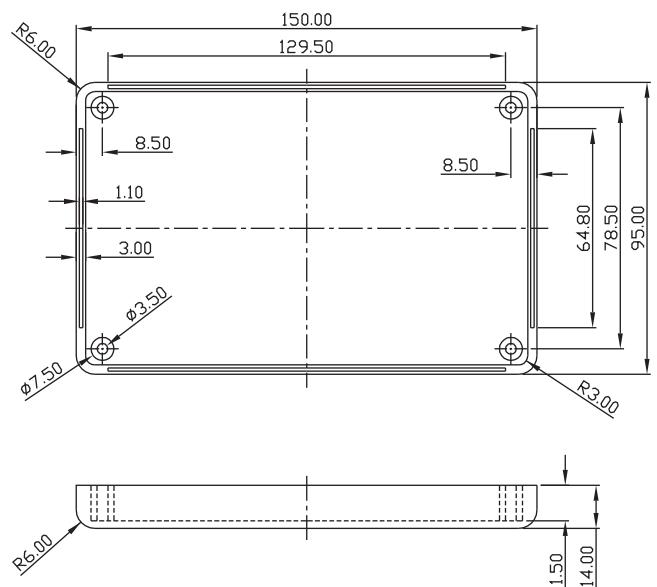
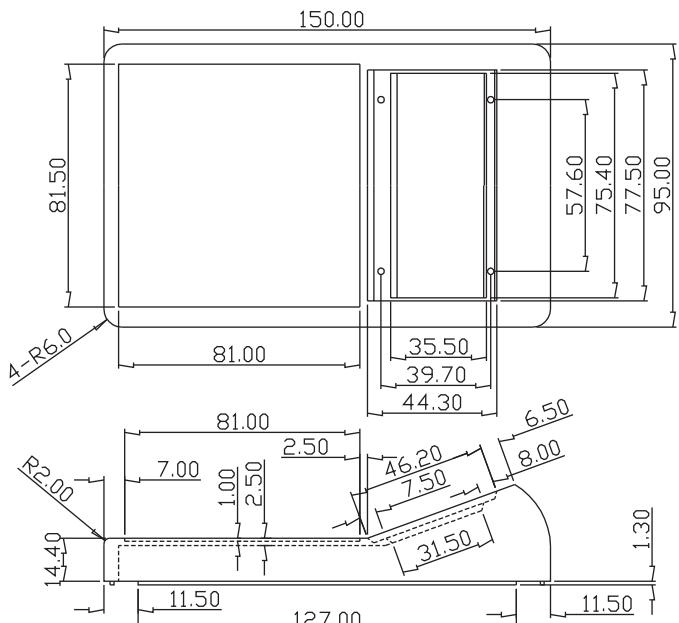
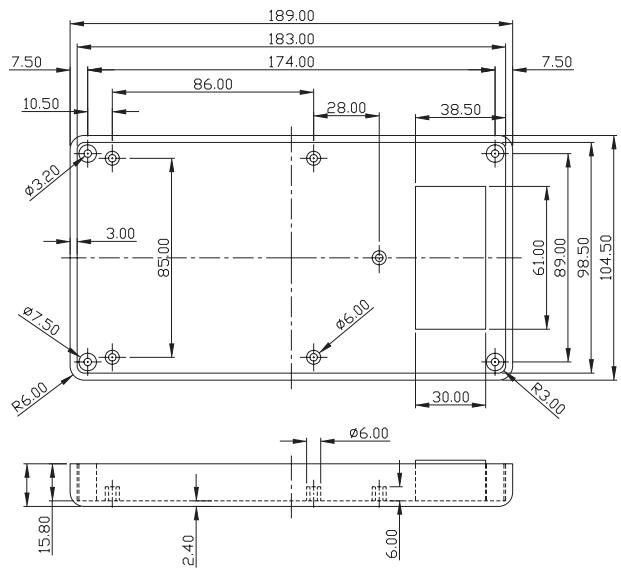
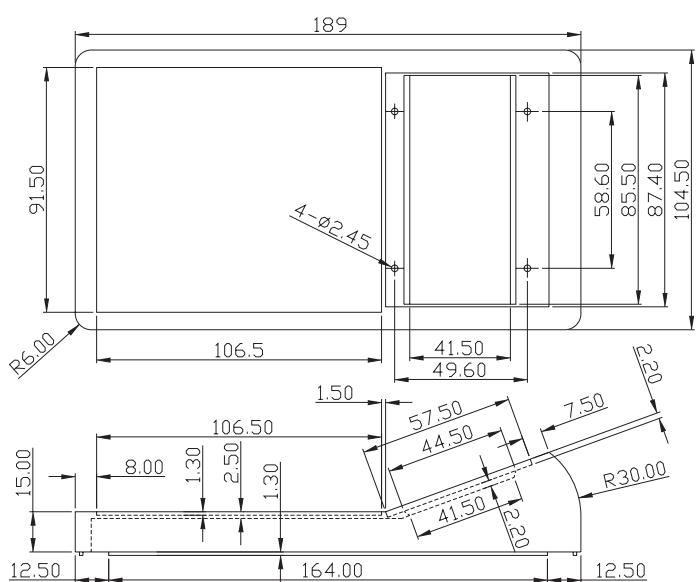
MATERIAL:

- High impact ABS plastic, light grey and black.

FEATURES:

- Ideal for keyboard, controllers, test instrument, computer accessories, remote actuators and controls.
- G1189G(BC) and G1189B(BC) are available with battery compartment.

ITEM No.	COLOR	ITEM No.	COLOR	EXTERNAL DIMENSION(MM)
G1168G	Light Grey	G1168B	Black	150.0 x 95.0 x 28.5/49.5
G1189G	Light Grey	G1189B	Black	189.0 x 104.5 x 33.2/59.0
G1189G(BC)	Light Grey	G1189B(BC)	Black	189.0 x 104.5 x 33.2/59.0

G1168**G1189**

G11XX, TYPE B SERIES

KEYBOARD ENCLOSURE



PRODUCT INFORMATION

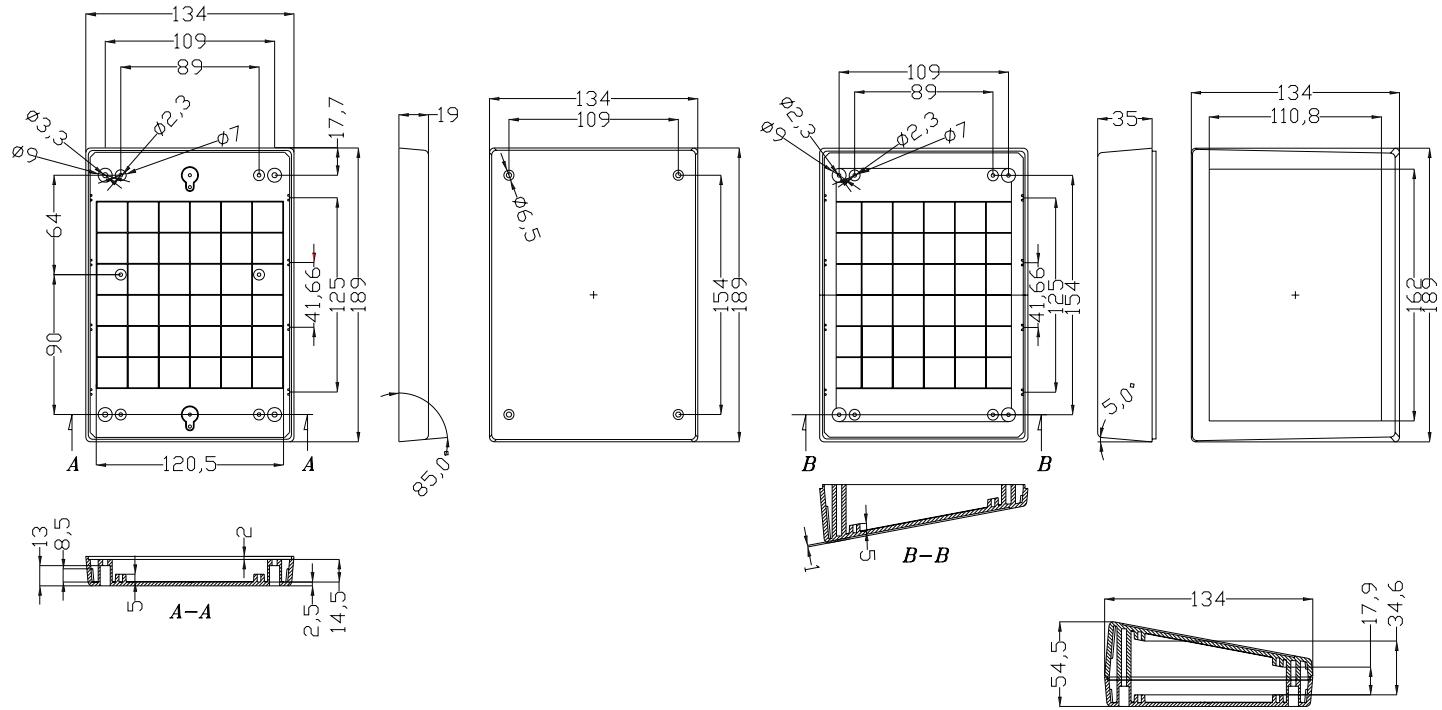
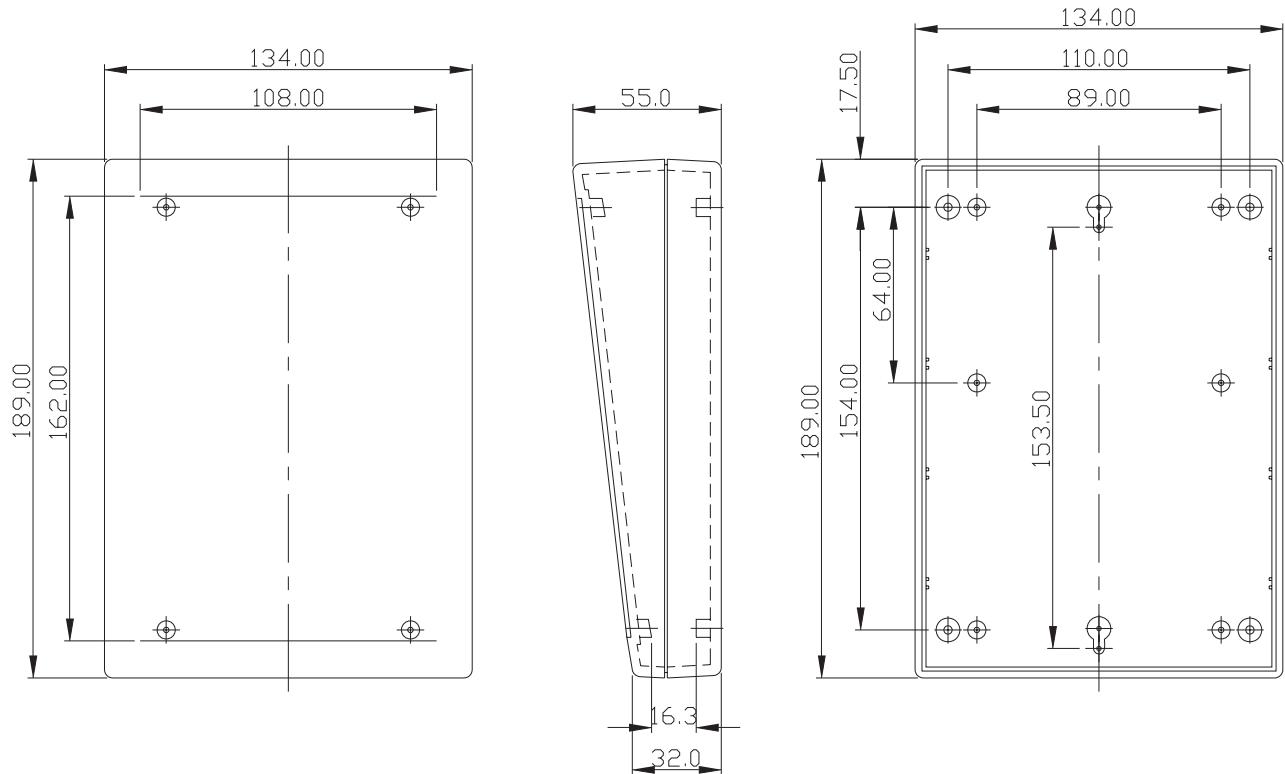
MATERIAL:

- High-impact ABS UL94-HB or UL94-V0 plastic.

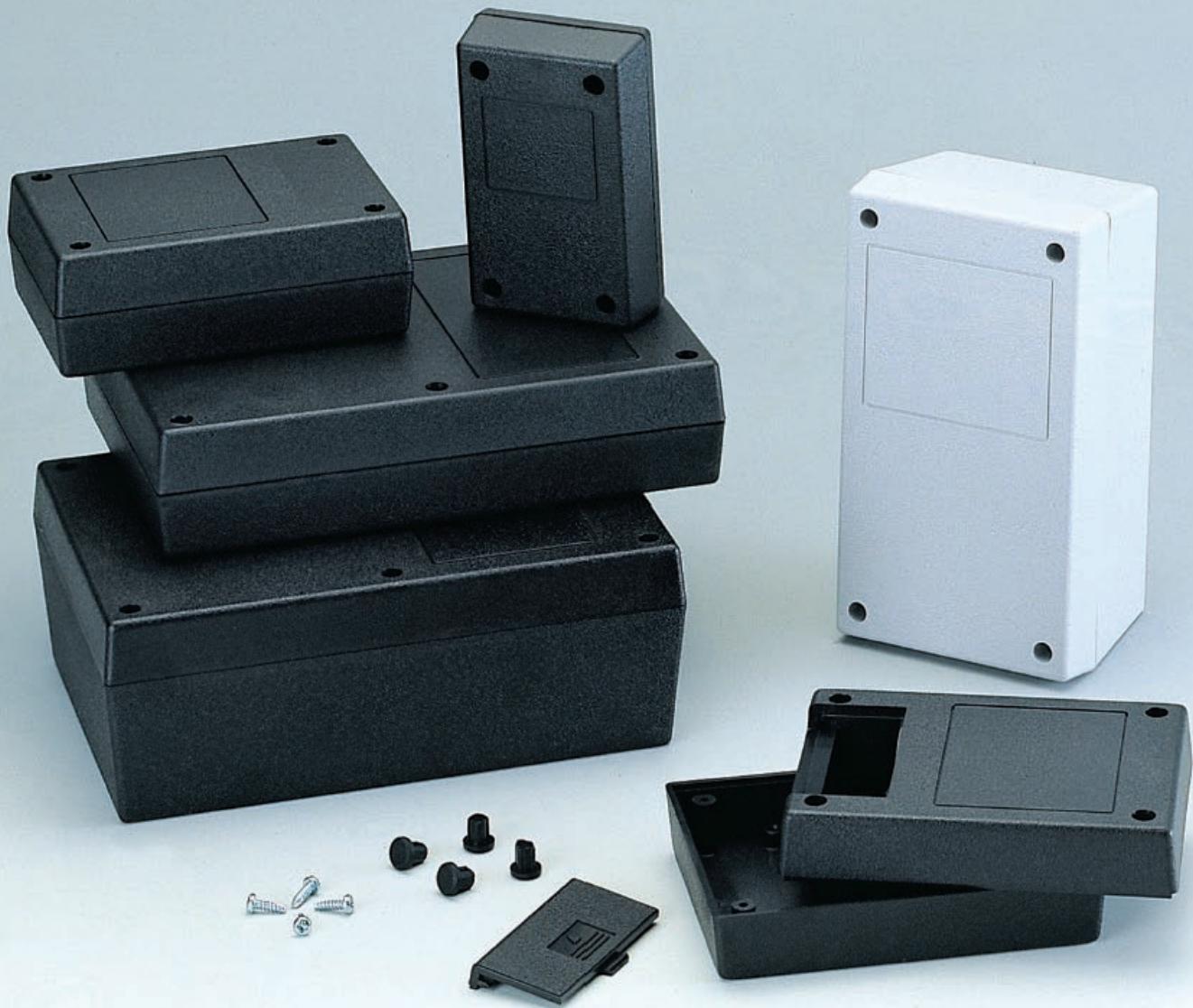
APPLICATION:

- Test Equipment.
- Medical and scientific devices.
- Scoreboard controller.
- Audio and video controllers.
- Security systems.
- Fax decoders / switch.

MATERIAL: ABS, UL94-HB		MATERIAL: ABS, UL94-V0		EXTERNAL DIMENSION(MM)
ITEM No.	COLOR	ITEM No.	COLOR	
G1183G	Grey	G1183GUL	Grey	189 x 134 x 32.0 / 54.6
G1183B	Black	G1183BUL	Black	189 x 134 x 32.0 / 54.6
G1188G	Grey	G1188GUL	Grey	134 x 189 x 32.0 / 55.0
G1188B	Black	G1188BUL	Black	134 x 189 x 32.0 / 55.0

G1183**G1188**

PLASTIC PROJECT BOXES



PRODUCT INFORMATION

MATERIAL:

- High impact ABS, UL94-HB plastic.

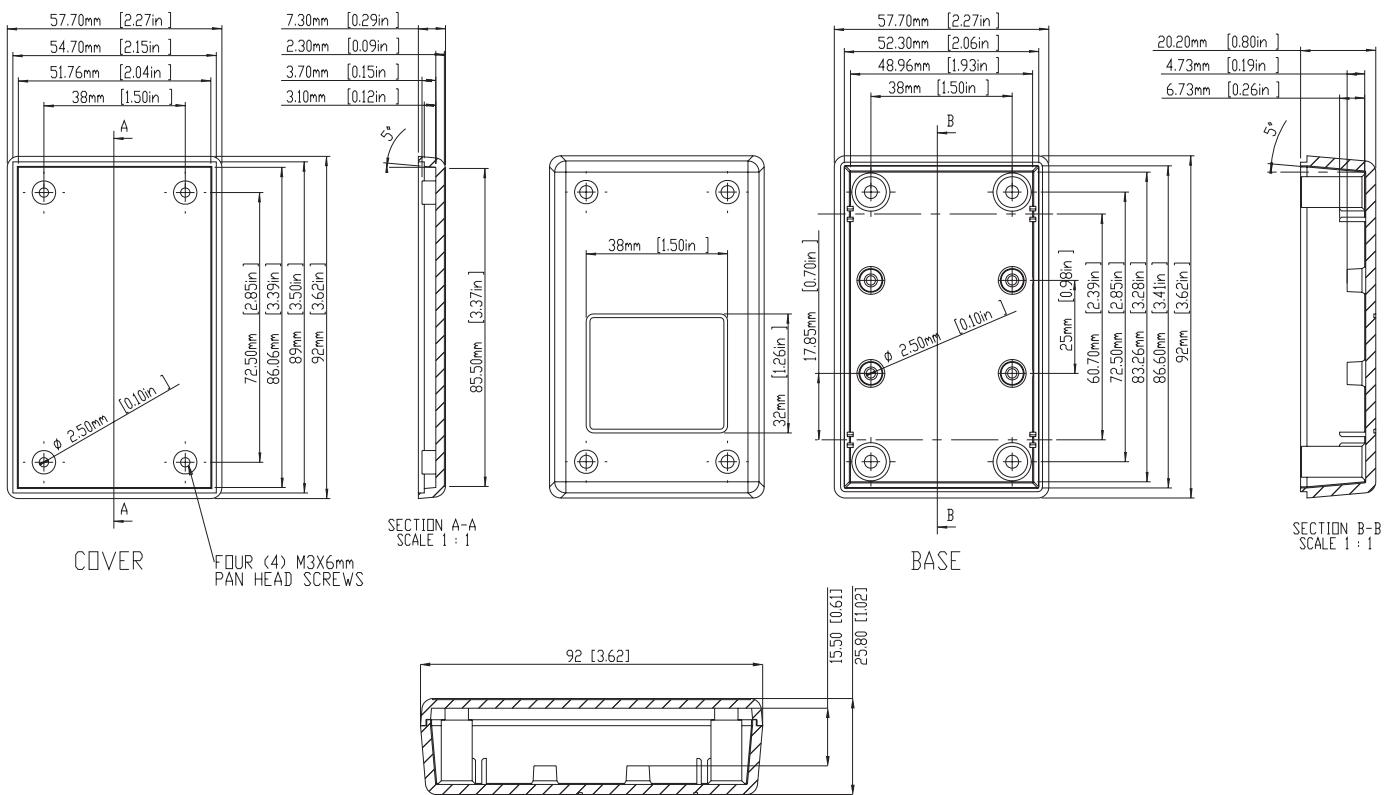
FEATURES:

- Ideal for instrument, computer accessories, transmitter, remote actuators, audio and video controls and security system.

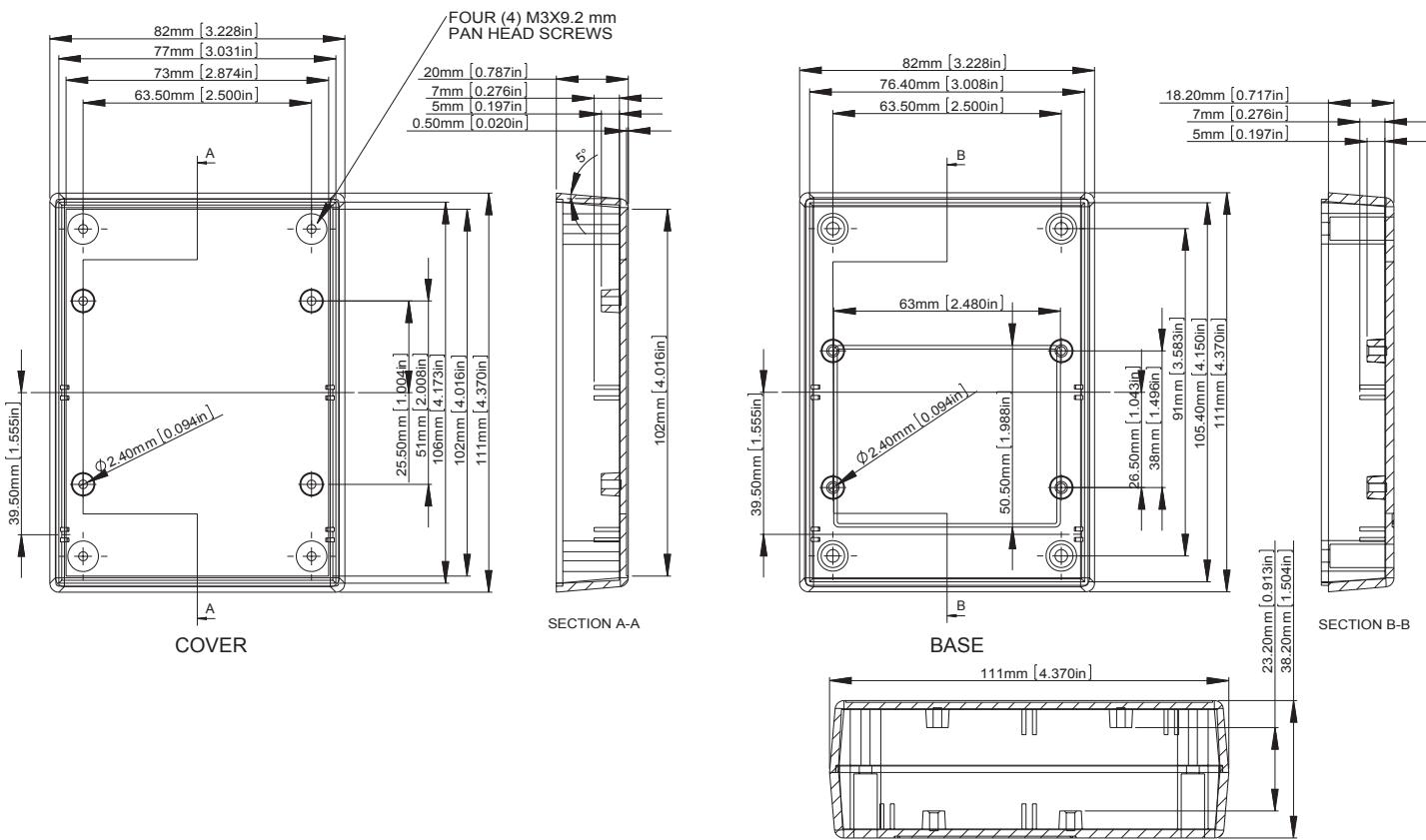
ITEM No.	COLOR	ITEM No.	COLOR	EXTERNAL DIMENSION(MM)
G1200G	Light Grey	G1200B	Black	92.0 x 57.0 x 25.4
G1202G	Light Grey	G1202B	Black	111.0 x 82.5 x 38.0
G1202G(BC)	Light Grey	G1202B(BC)	Black	111.0 x 82.5 x 38.0
G1204G	Light Grey	G1204B	Black	142.8 x 82.5 x 38.0
G1208G	Light Grey	G1208B	Black	174.5 x 123.6 x 38.0
G1213G	Light Grey	G1213B	Black	174.5 x 123.6 x 63.5

- Put-on rubber feet are included.

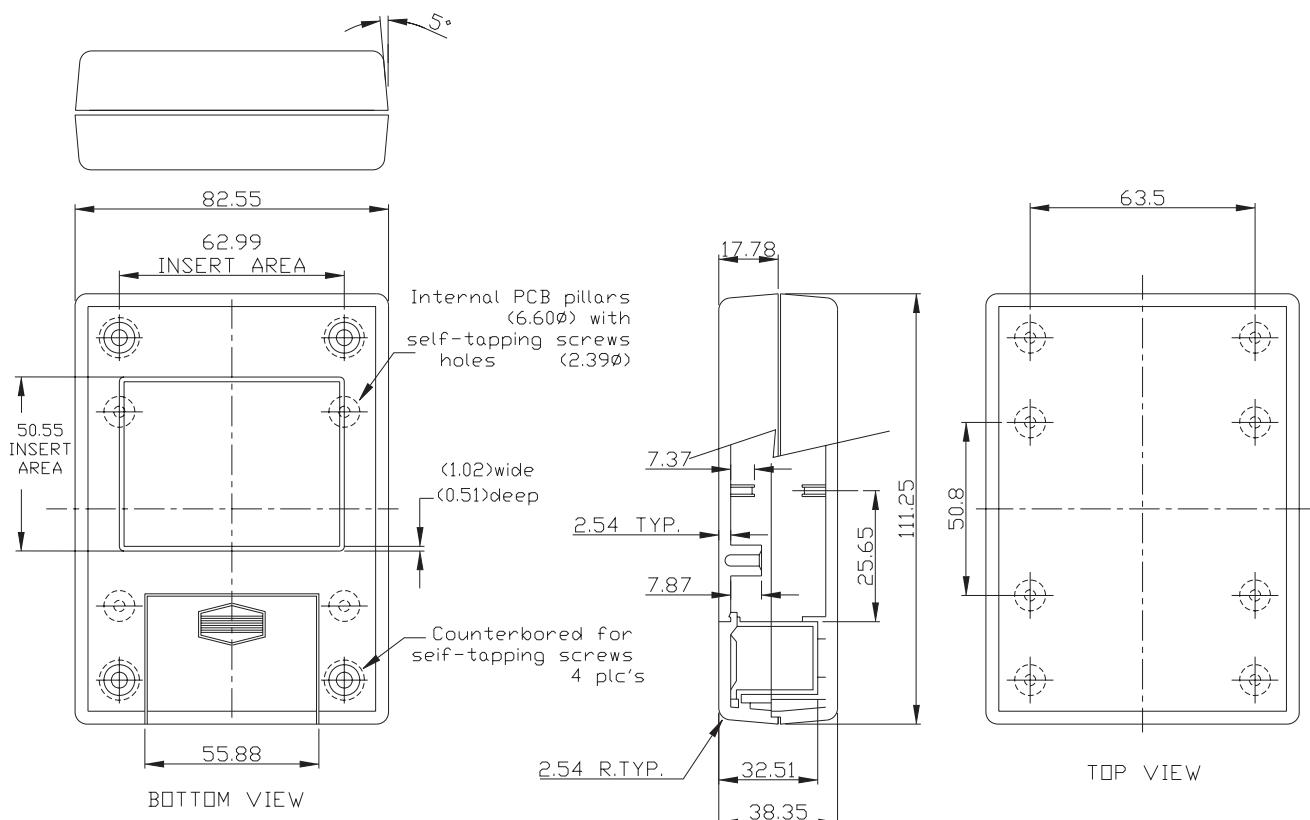
G1200



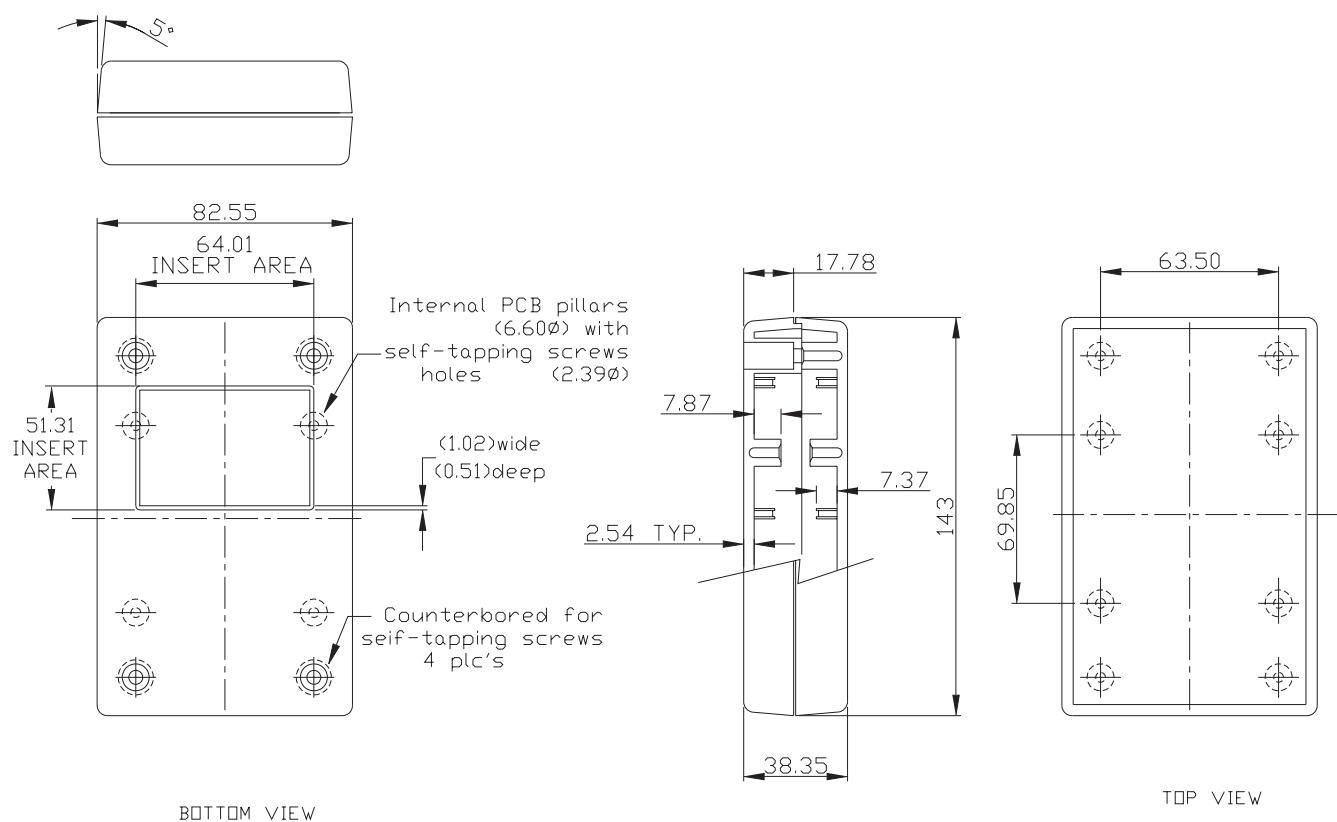
G1202



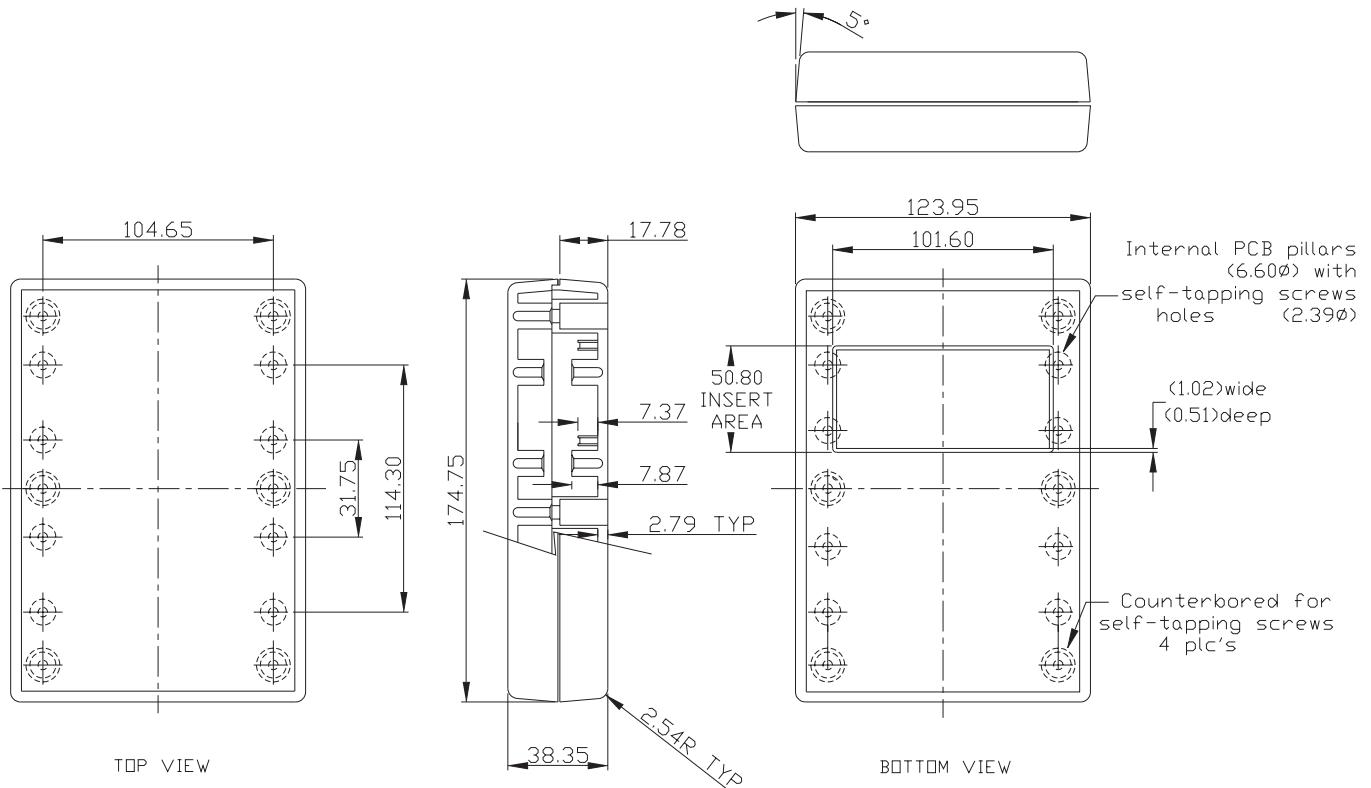
G1202(BC)



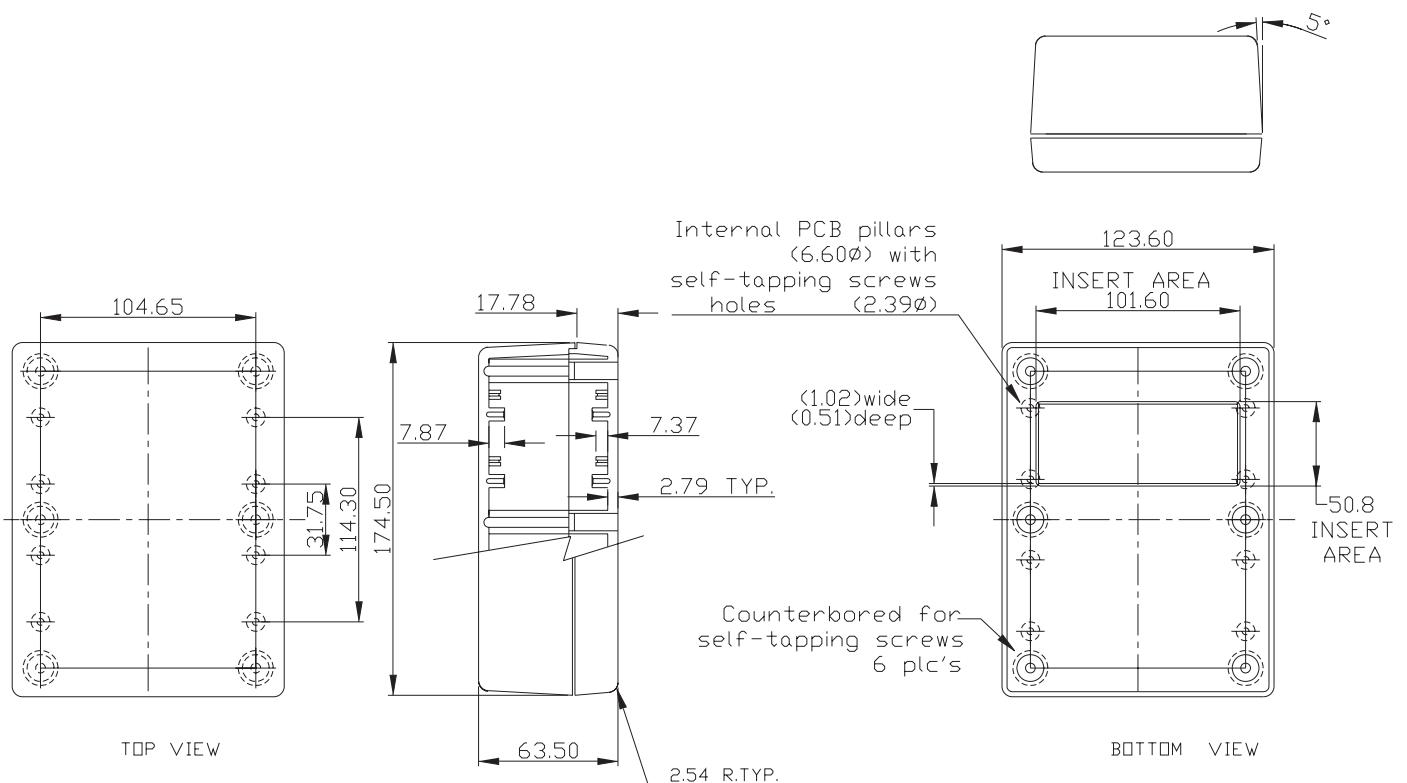
G1204



G1208



G1213



G13XX, TYPE A SERIES

CONTROLLER ENCLOSURES



PRODUCT INFORMATION

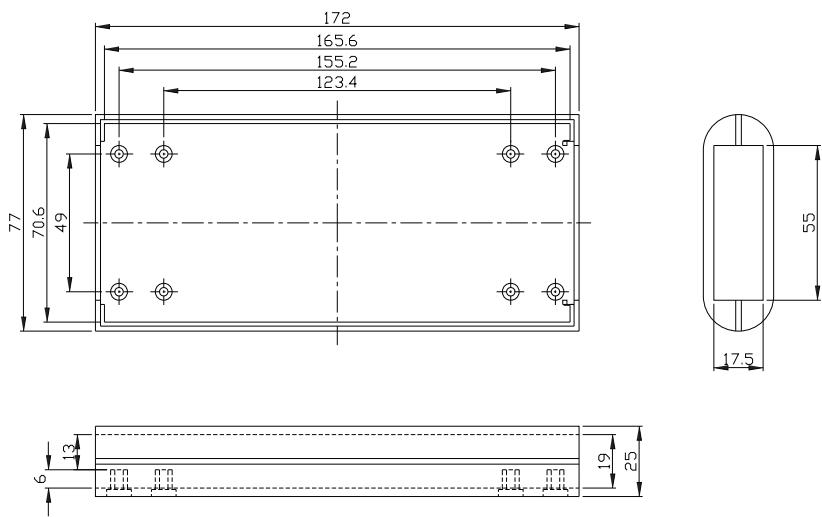
MATERIAL:

- High impact ABS UL94-HB plastic, Light grey.

FEATURES:

- Ideal for remote controllers, test instrument, computer accessories etc.

ITEM No.	EXTERNAL DIMENSION(MM)
G1389G	172 X 77 X 25



G13XX, TYPE B SERIES

CONTROLLER ENCLOSURES



G0312

PRODUCT INFORMATION

MATERIAL:

- High impact ABS UL94-HB plastic, grey and black.

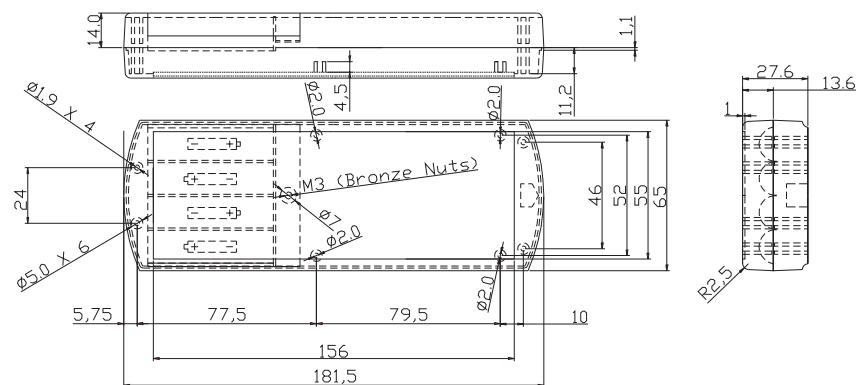
FEATURES:

- Ideal for remote controller, testing instrument.
- G0312-AA battery contact kit is available for ordering.

ITEM No.	EXTERNAL DIMENSION(MM)
G1390G	181.5 x 65 x 27.6
G1390B	181.5 x 65 x 27.6
G0312	AA battery contact kit



G0312



KEY FOB ENCLOSURE



PRODUCT INFORMATION

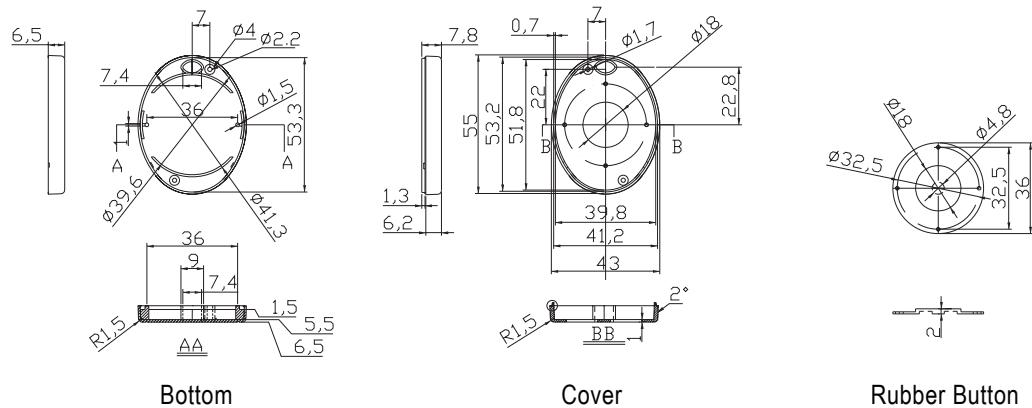
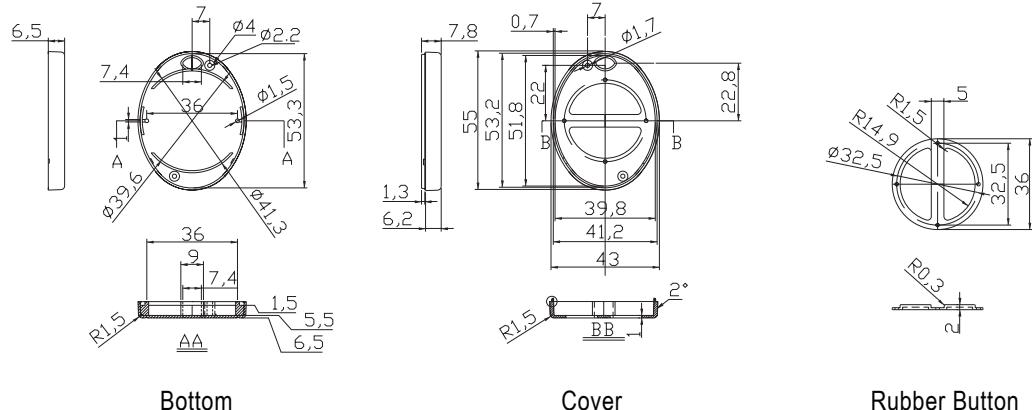
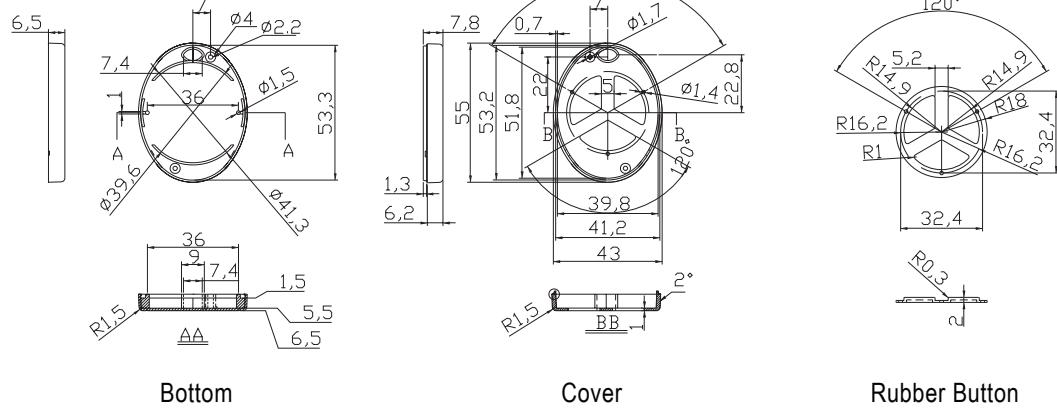
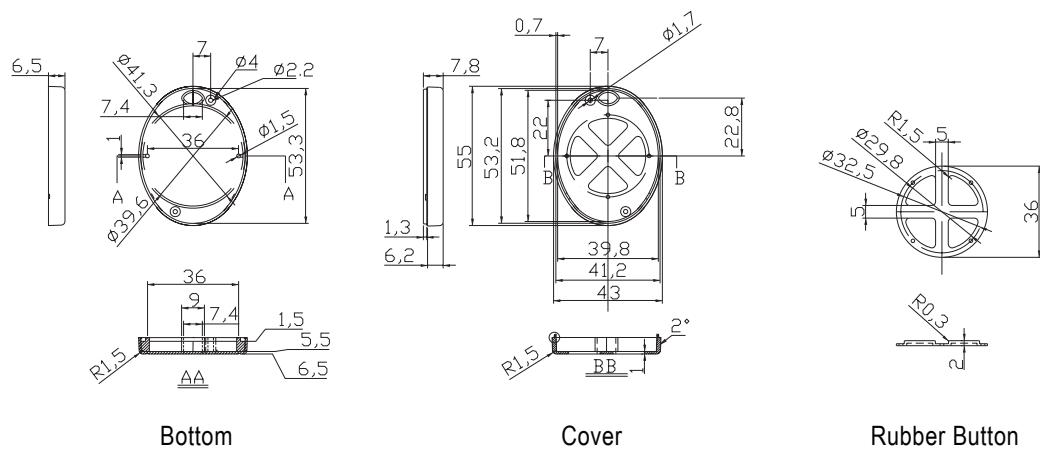
MATERIAL:

- High impact ABS UL94-HB plastic, grey and black color are available for selection.

FEATURES:

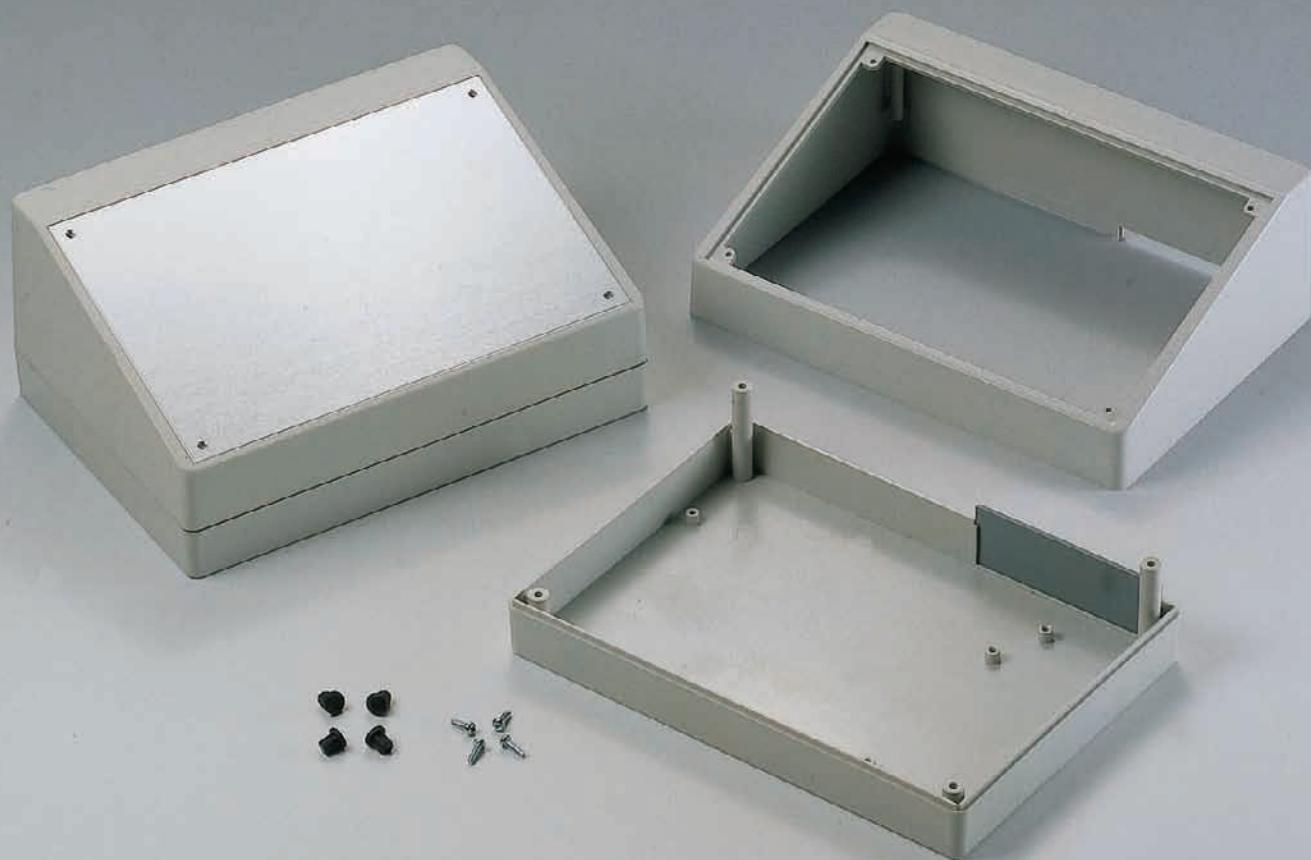
- Ideal for wireless remote control.
- 2-4 buttons of styles for selection.

ITEM No.	COLOR	ITEM No.	COLOR	TYPE	EXTERNAL DIMENSION(MM)
G1402-0G	Grey	G1402-0B	Black	0 Button	55 x 43 x 13.4
G1402-2G	Grey	G1402-2B	Black	2 Button	55 x 43 x 13.4
G1402-3G	Grey	G1402-3B	Black	3 Button	55 x 43 x 13.4
G1402-4G	Grey	G1402-4B	Black	4 Button	55 x 43 x 13.4

G1402-0G**G1402-2G****G1402-3G****G1402-4G**

G15XX, TYPE A SERIES

PRO-DESK ENCLOSURE, G1500



PRODUCT INFORMATION

MATERIAL:

- High impact ABS UL94-HB.

FEATURES:

- Modern and styling design.
- Top and bottom design with aluminum front panel which is convenient for machining.
- One plastic panel at the rear of case for cable grommets and plug entry.
- 4 PCS of rubber feet are included.

ITEM No.	COLOR	EXTERNAL DIMENSION(MM)
G1500	Light Grey	220 X 156 X 100/52

G15XX, TYPE B SERIES

PRO-DESK ENCLOSURE, G1502



PRODUCT INFORMATION

MATERIAL:

- High impact ABS UL94-HB.

FEATURES:

- Modern and styling design.
- Top and bottom design with aluminum front panel which is convenient for machining.
- One plastic panel at the rear of case for cable grommets and plug entry.
- 4 PCS of rubber feet are included.

ITEM No.	COLOR	EXTERNAL DIMENSION(MM)
G1502	Light Grey	228 X 216 X 76/50

G15XX, TYPE C SERIES

PRO-DESK ENCLOSURE, G1507



PRODUCT INFORMATION

MATERIAL:

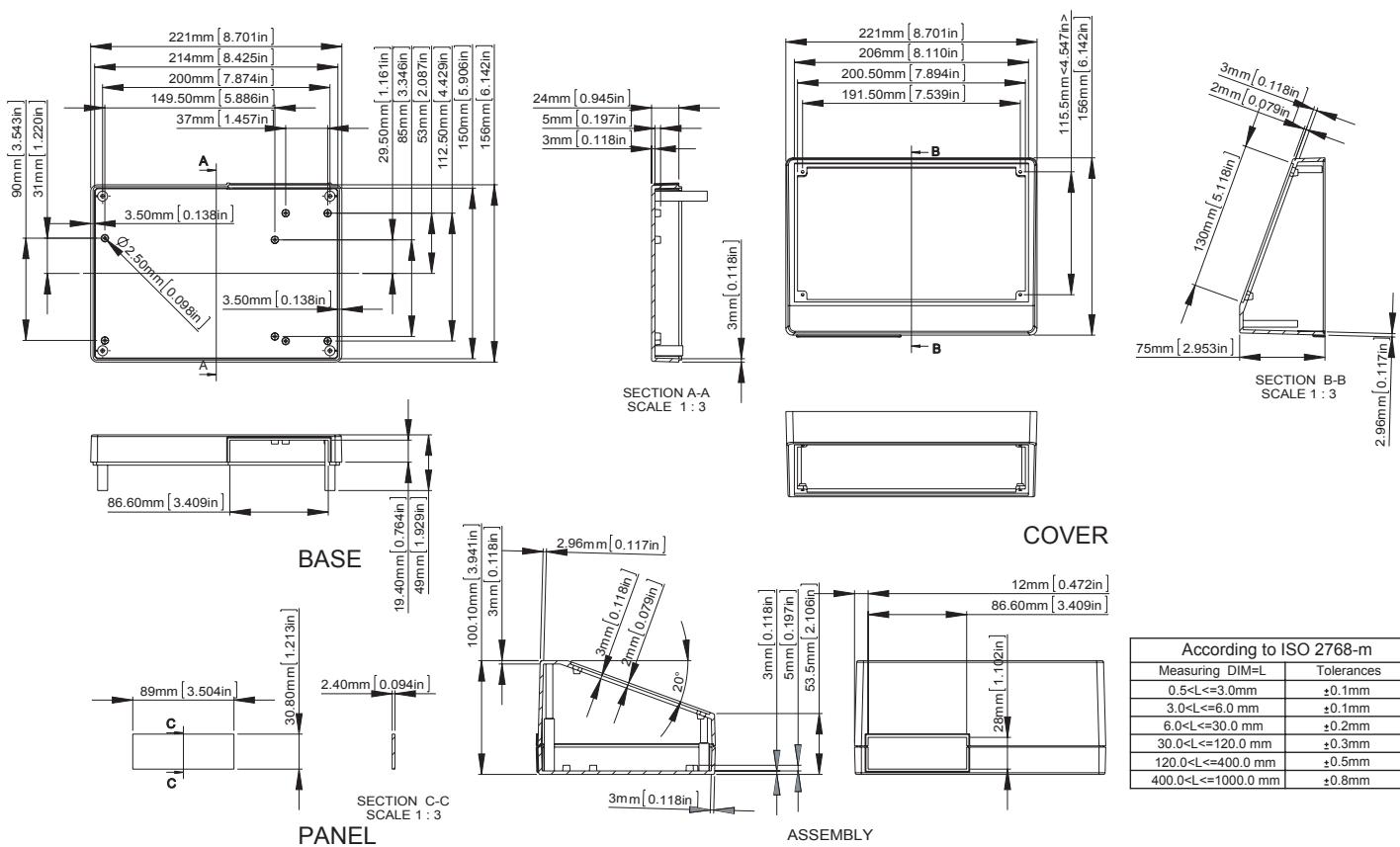
- High impact ABS UL94-HB.

FEATURES:

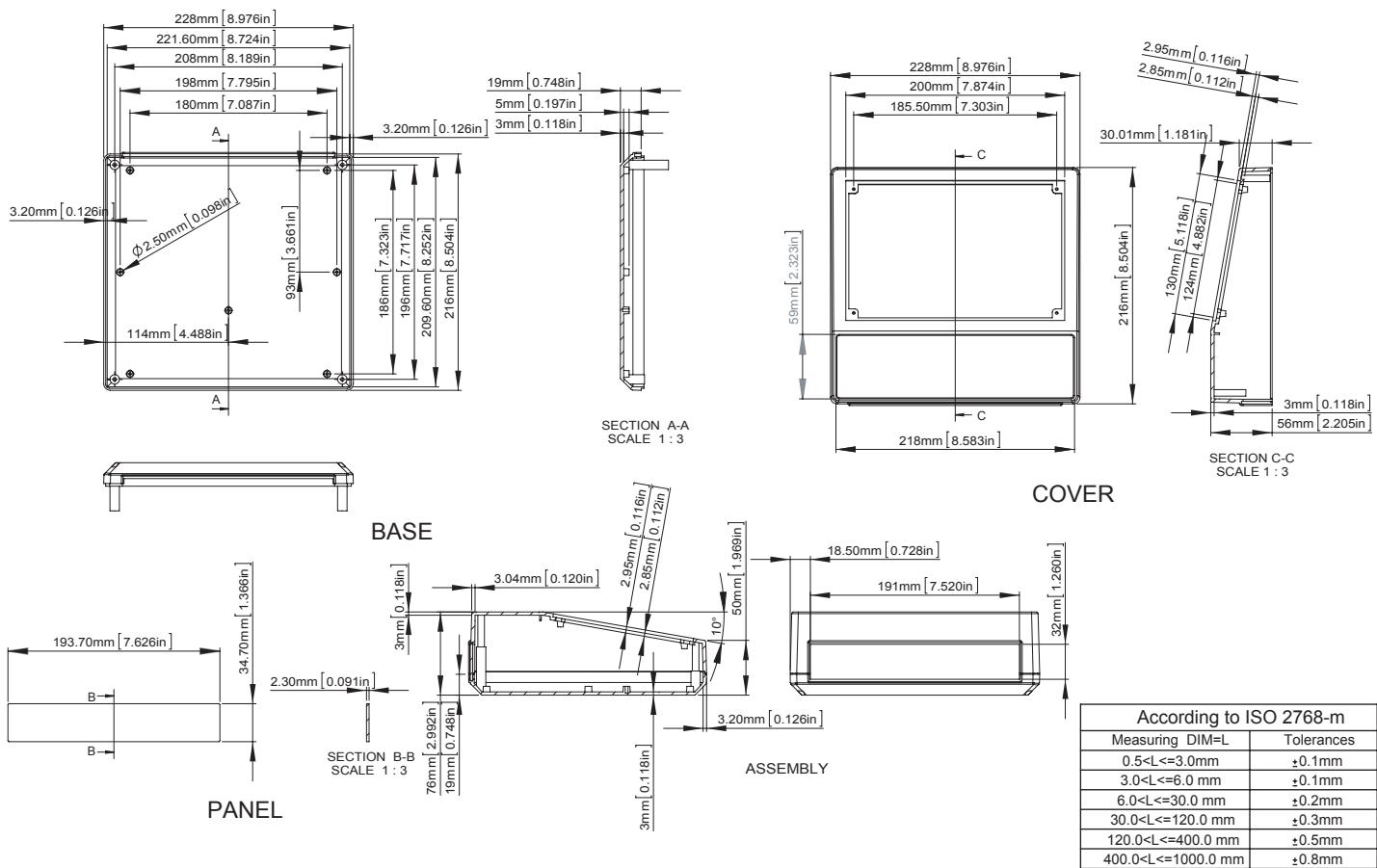
- Modern and styling design.
- Top and bottom design with aluminum front panel which is convenient for machining.
- One plastic panel at the rear of case for cable grommets and plug entry.
- 4 PCS of rubber feet are included.

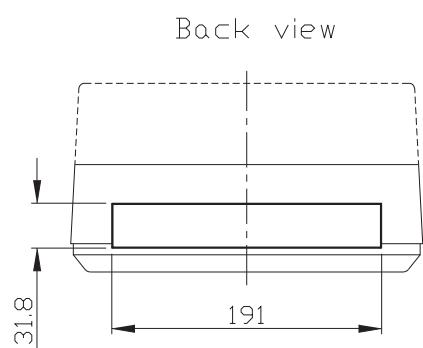
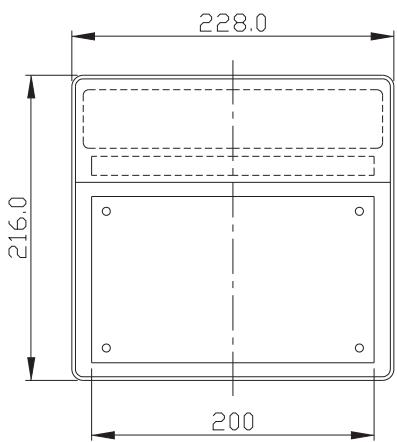
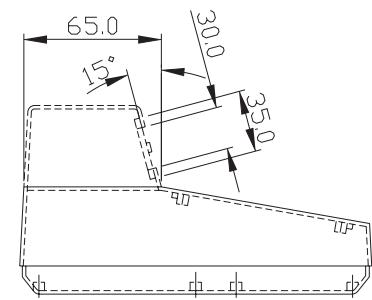
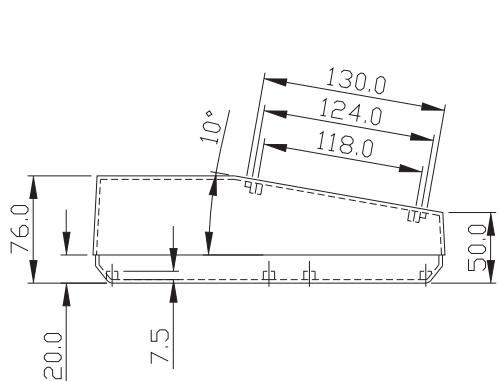
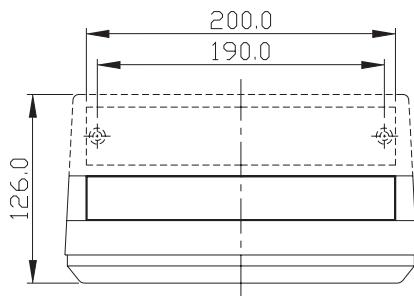
ITEM NO.	COLOR	EXTERNAL DIMENSION(MM)
G1507	Light Gray	228 X 216 X 126/50

G1500

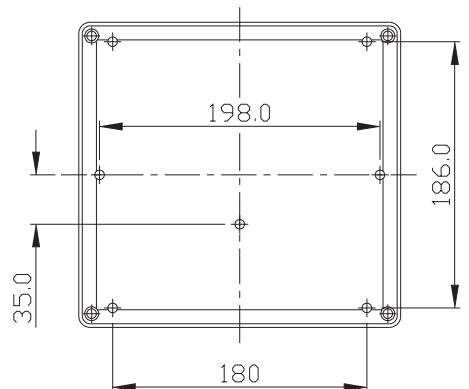


G1502





Bottom part inside view



TILT CARRYING HANDLES



PRODUCT INFORMATION

MATERIAL:

- NYLON66 UL 94-V2 and aluminium bar.

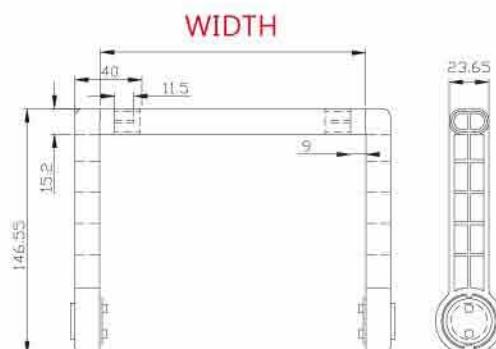
Example



FEATURES:

- It can be used as a handle or a tile foot bar for instrument cases.
- Strong SNAP-IN mechanism of 30 circular rotation pitch.

ITEM No.	DESCRIPTION
G1600W	W is width of your case in mm for example G1600260 is handle for our part number G758 or G729
G1600140	Handle for G738, G767, G768
G1600225	Handle for G747, G748, G749, G716, G717
G1600260	Handle for G758, G753, G754, G731, G733
G1600095	Handle for G760, G761, G762
G1600156	Handle for G763, G764, G765
G1600200	Handle for G769, G770, G771
G1600245	Handle For G750, G751, G752, G720, G721, G722



- You can order whatever width you want for all instruments.

19" RACK MOUNT PLASTIC ENCLOSURES



PRODUCT INFORMATION

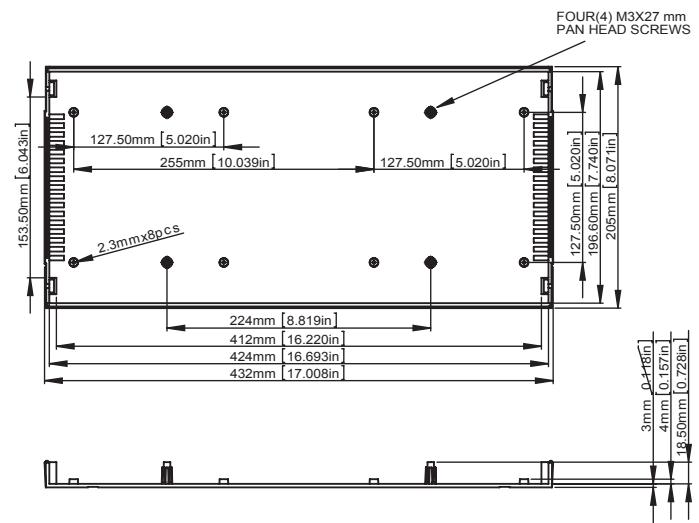
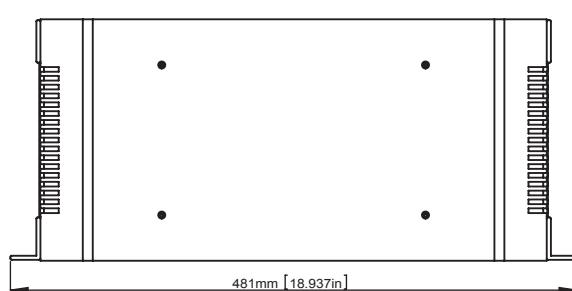
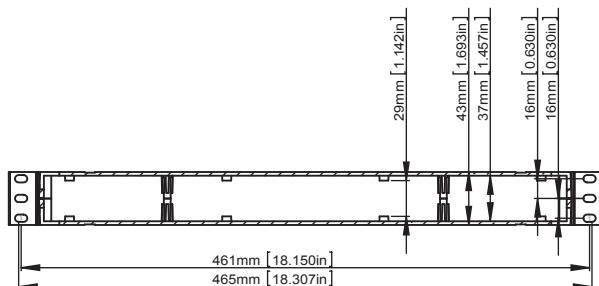
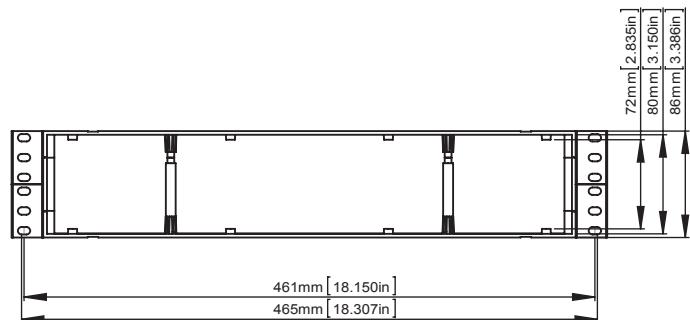
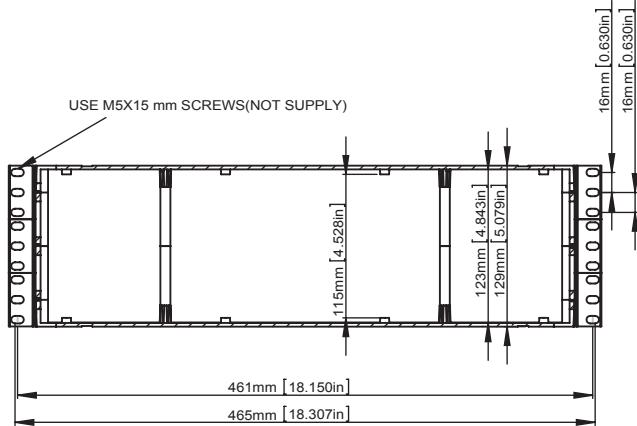
MATERIAL:

- High impact ABS UL94-V0 plastic, Grey.

FEATURES:

- Can be used for rack-mount or stand alone.
- Black (suffix BK) and light gray (suffix G) colour are available.

ITEM No.	COLOR	ITEM No.	COLOR	EXTERNAL DIMENSION(MM)
G17081UBK	Black	G17081UG	Light Grey	431 x 203 x 43
G17082UBK	Black	G17082UG	Light Grey	431 x 203 x 86
G17083UBK	Black	G17083UG	Light Grey	431 x 203 x 129

G1708**G17081U****G17082U****G17083U**

SNAP IN PLASTIC CASES



PRODUCT INFORMATION

MATERIEL:

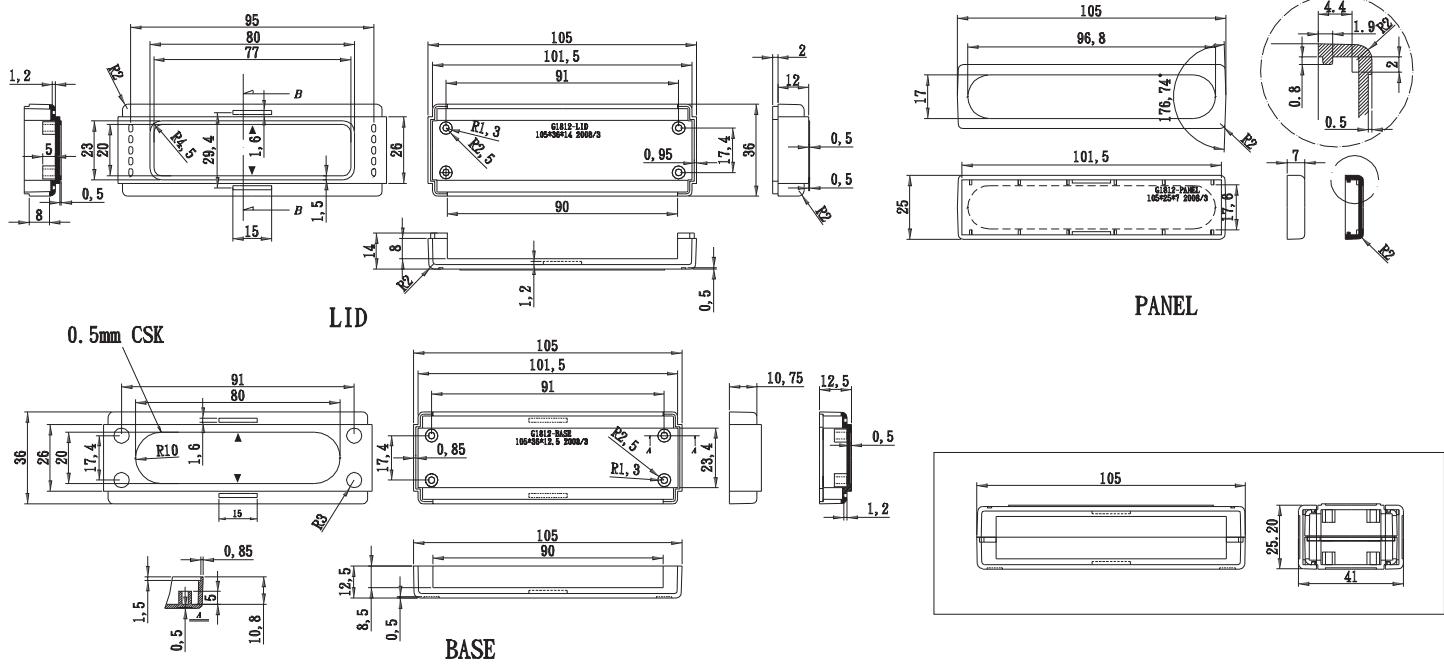
- High impact UL94-HB ABS

ITEM No.	COLOR			EXTERNAL DIMENSION(MM)
	LID	BASE	PANELS	
G1812	Light Grey	Dark Grey		105 x 41 x 25.2
G1814	Light Grey	Dark Grey		130 x 76 x 30
G1816	Light Grey	Dark Grey		155 x 92 x 29.5
G1818	Light Grey	Dark Grey		200 x 121 x 40

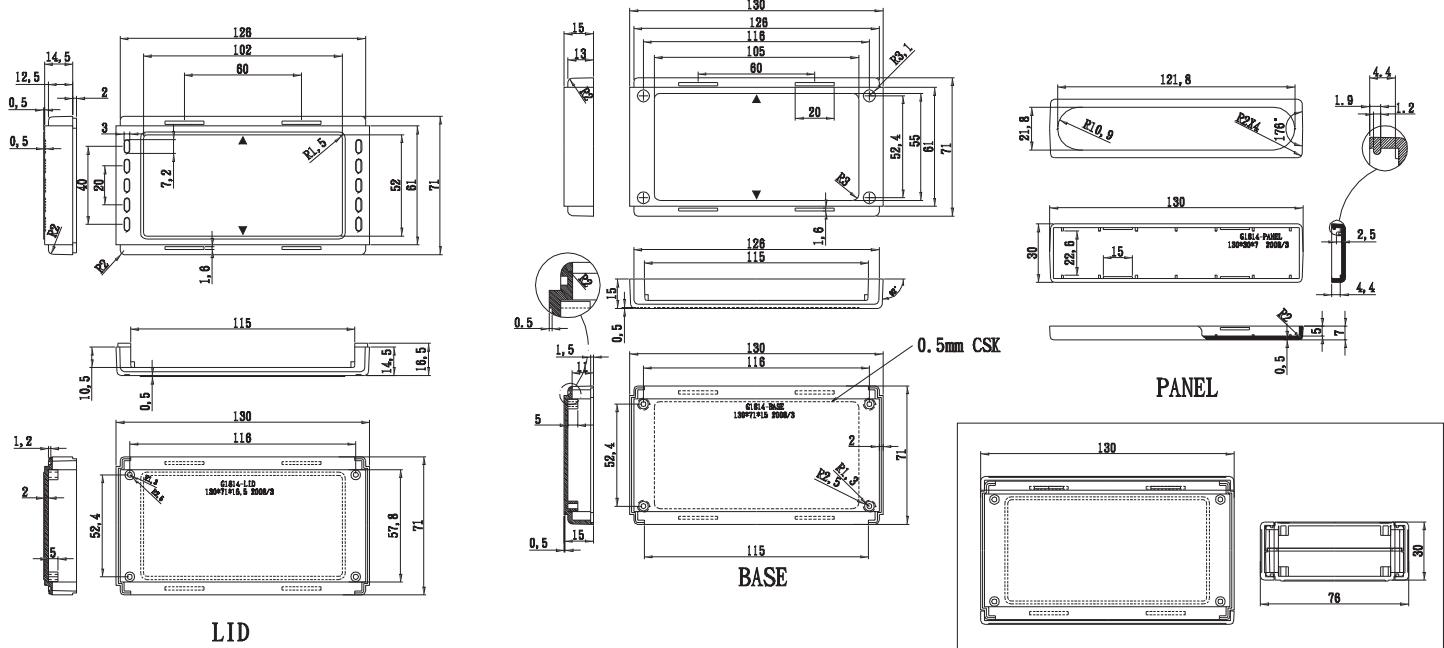
FEATURES:

- Lid & base are molded in light grey color, front & end panels are olded in dark grey color.
- Sap-in type of design to save the time in the product assembly.
- 4 pcs of internal bosses are available for pcb assembly.
- Ideally use for desktop instrumentation , network & telecommunication device.
- Rubber feet < RF-1001 > for G1812, G1814 & G1816 use is available for ordering.
- Rubber feet < RF-6002 > for G1818 use is available for ordering.

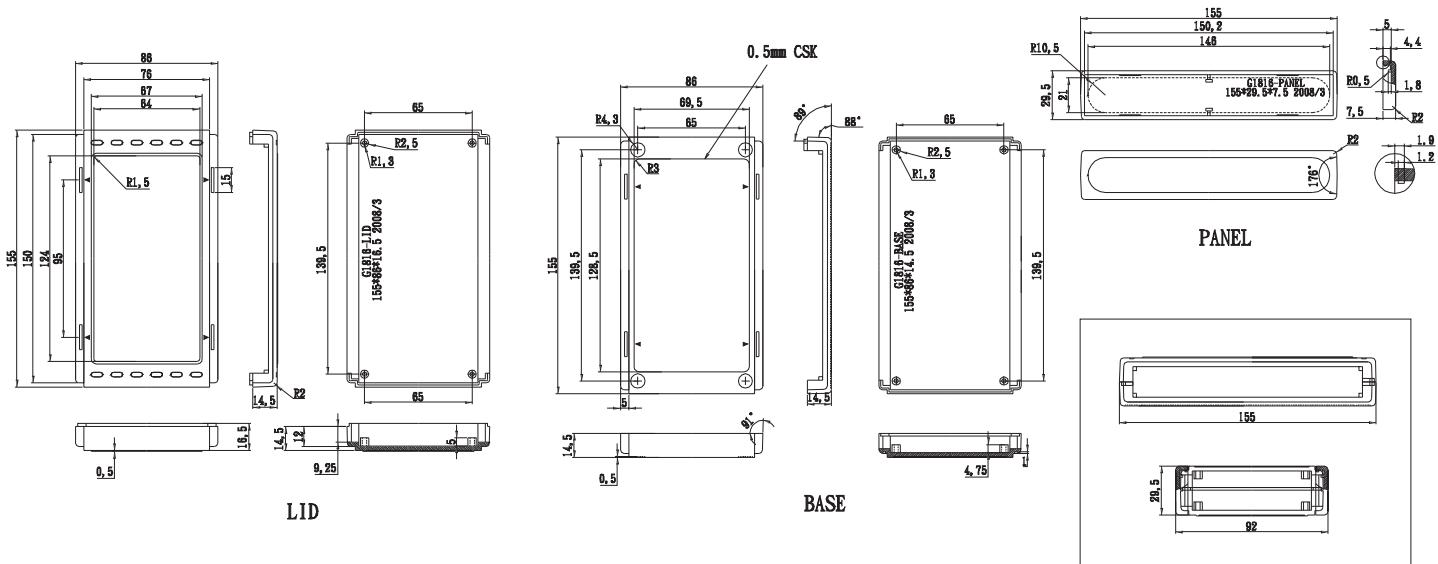
G1812



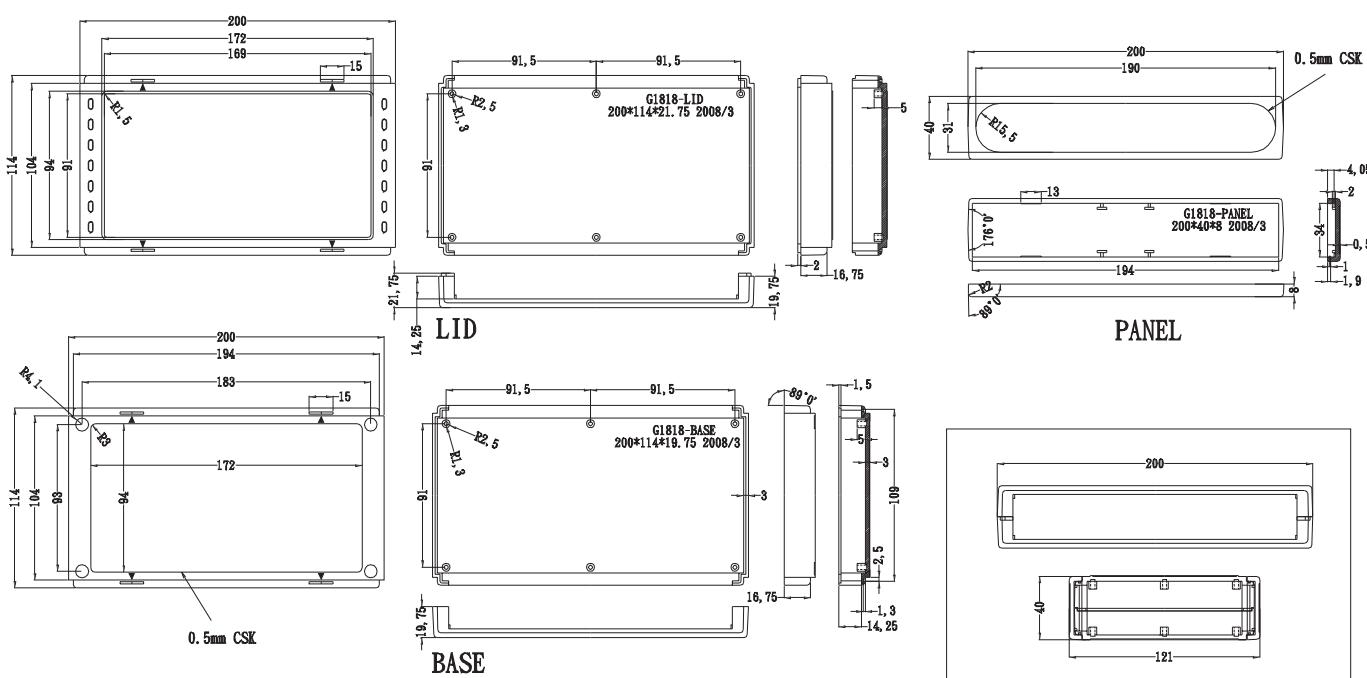
G1814



G1816



G1818



G19XX SERIES

UTILITY BOX & USB BOX



PRODUCT INFORMATION

MATERIAL:

- Polycarbonate (Transparent) for G1901C
- High impact ABS (UL94-HB) for G1901G , G1905
- Flame retardant of ABS (UL94-V0) for G1903 , G1906 , G1908 & G1910

FEATURES:

- G1901G (or G1901C) – Ideally design for USB type of memory card or wireless product use.
- G1903, G1906, G1908 & G1910 - Ideally design for electronic product use.
- G1905 – Utility box with external mounting bracket.

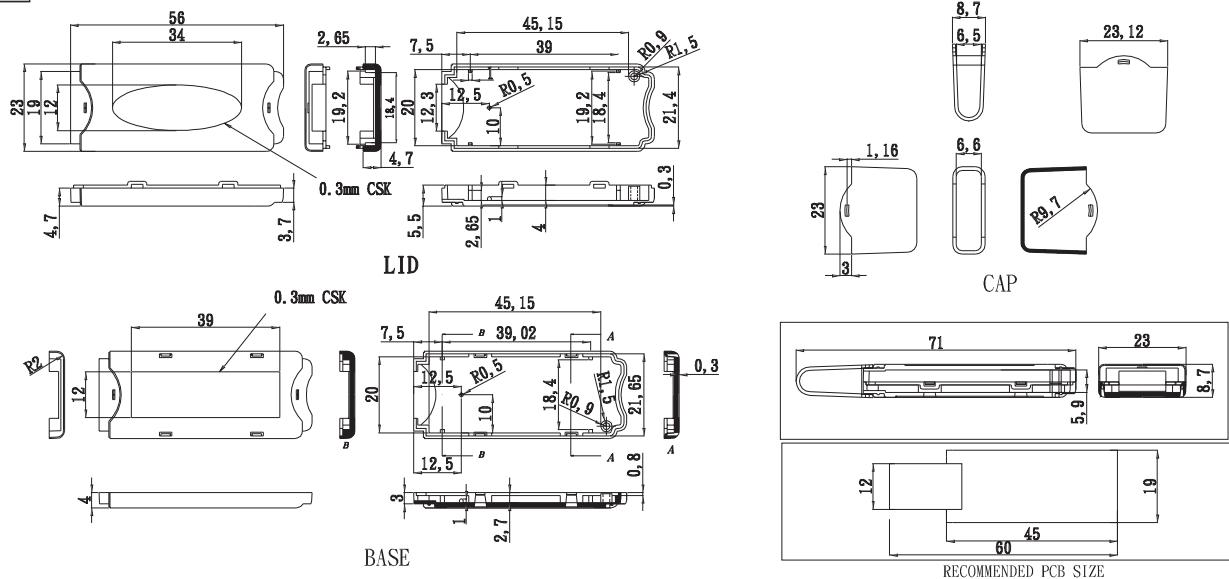
USB BOX

ITEM No.	EXTERNAL DIMENSION(MM)
G1901G	71 x 23 x 8.7
G1901C	71 x 23 x 8.7

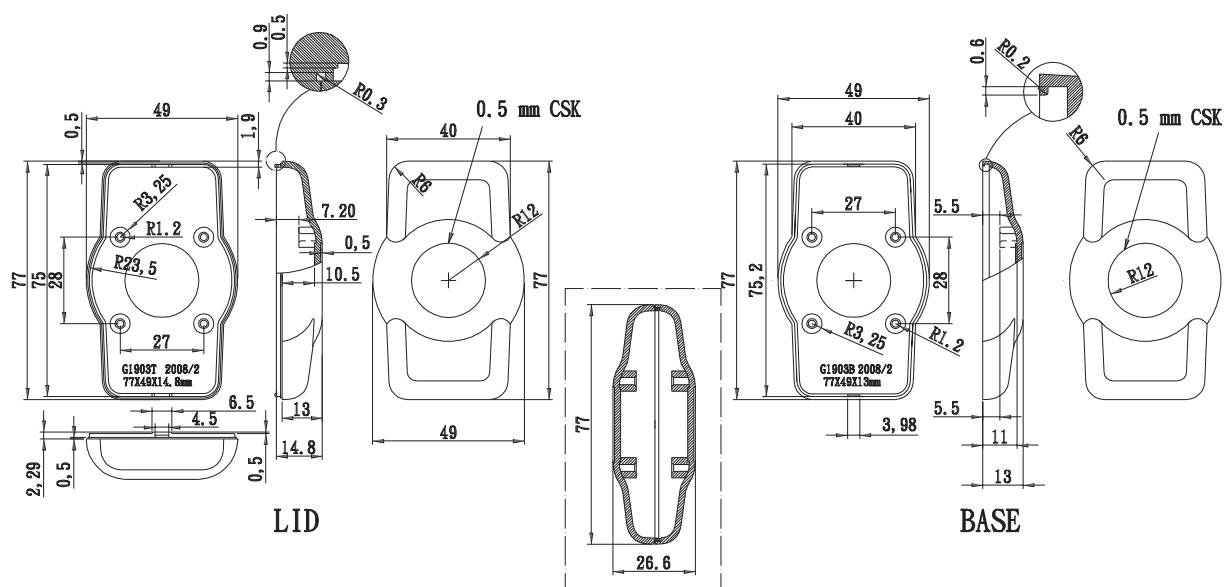
UTILITY BOX

ITEM No.	EXTERNAL DIMENSION(MM)
G1903	77 x 49 x 26.6
G1905	102 x 77 x 39.4
G1906	69.5 x 50.5 x 21
G1908	88.5 x 63 x 27.5
G1910	115 x 83 x 32

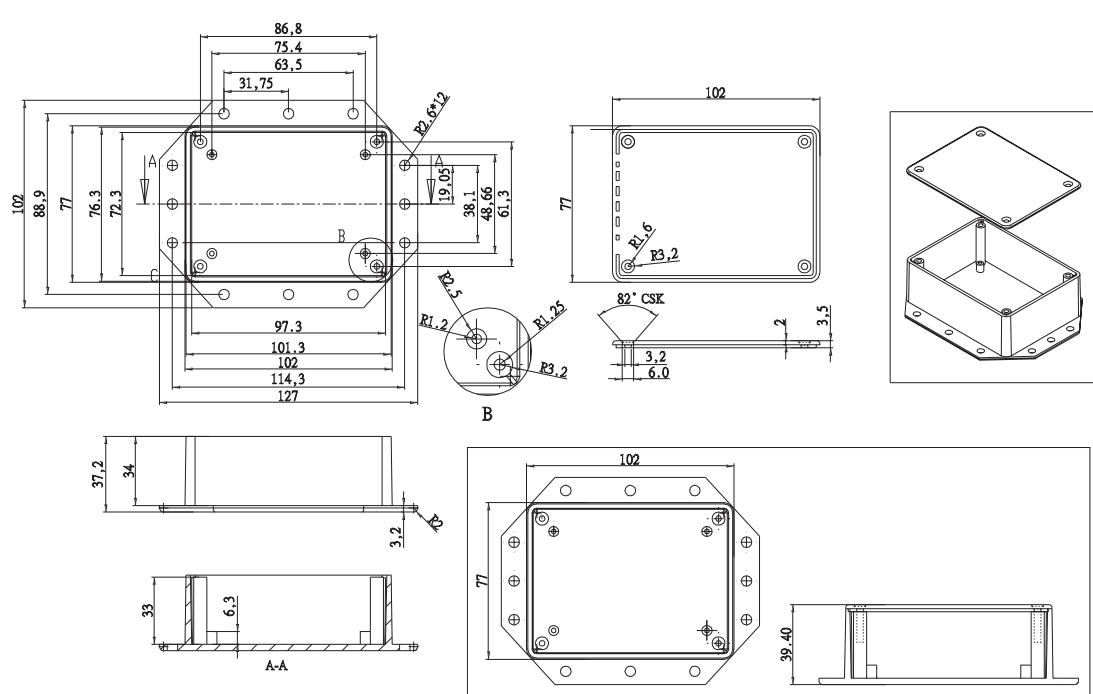
G1901



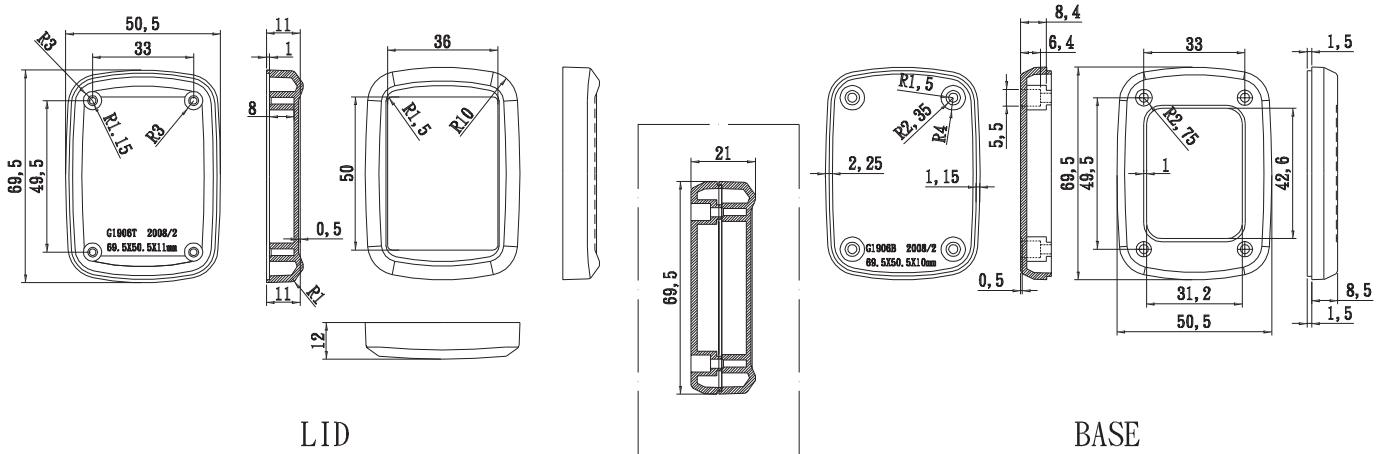
G1903



G1905



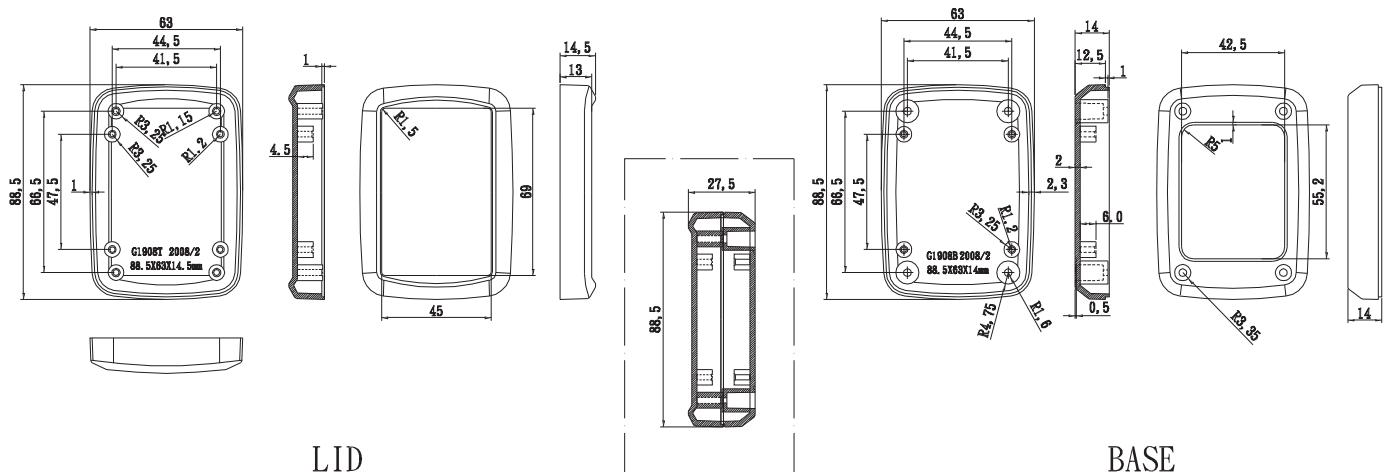
G1906



LID

BASE

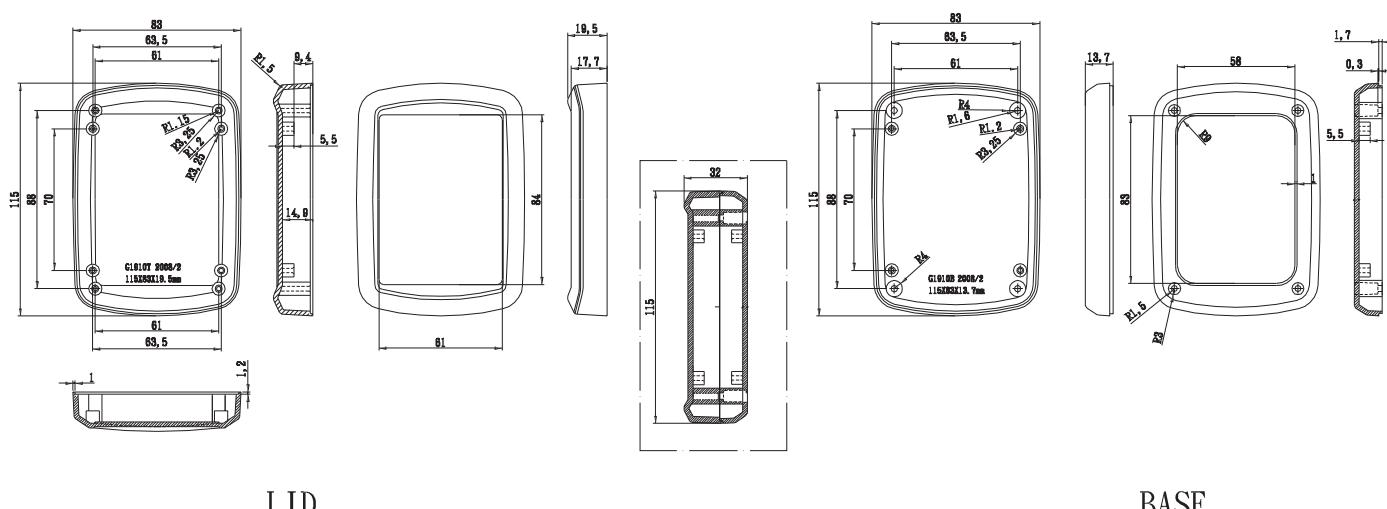
G1908



LID

BASE

G1910

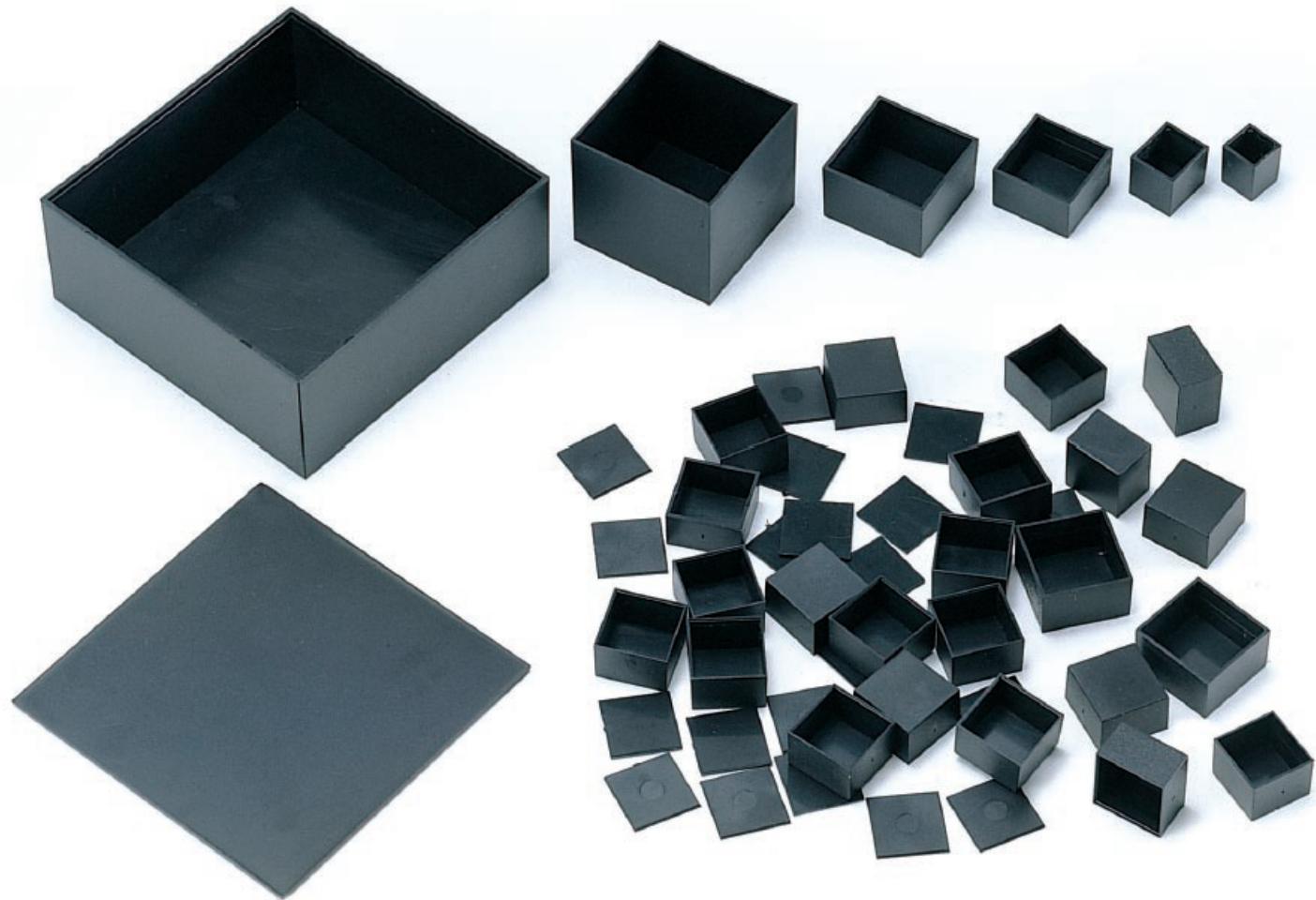


LID

BASE

POTTING BOXES

POTTING BOXES



PRODUCT INFORMATION

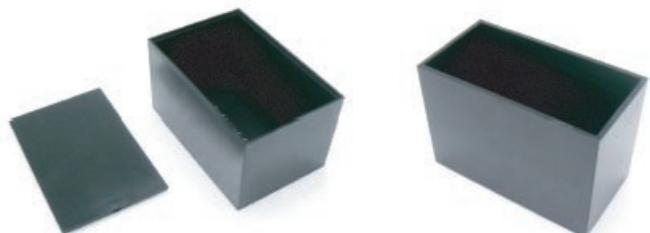
MATERIAL:

- High impact ABS UL94-HB, black.

FEATURES:

- These low cost boxes are for encapsulating electronic assemblies.
- Suggested working temperature:
-20 to +60 Degree C.

Example



G453025L / G453025B

G673546B

STYLE A, STYLE B SERIES

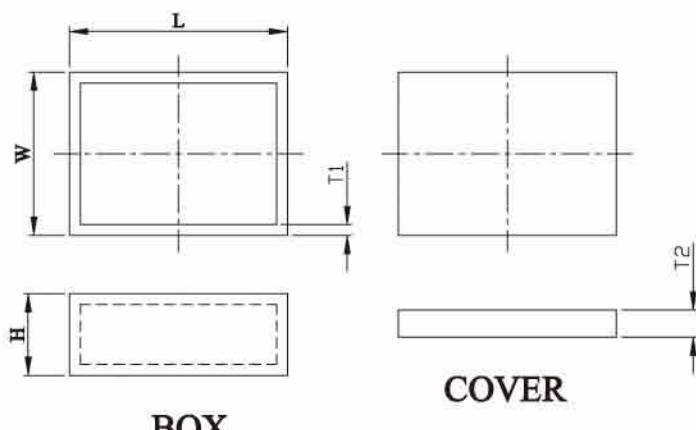
STYLE A
(TOP LIDS ARE AVAILABLE)

ITEM No.		EXTERNAL DIMENSION (MM)				
BASE	LID	L	W	H	T1	T2
G202013B	G202013L	20	20	13	0.9	1.0
G252515B	G252515L	25	25	15	1.1	1.1
G252525B	G252515L	25	25	25	1.1	1.1
G302015B	G302015L	30	20	15	1.1	1.5
G401316B	G401316L	40.5	13.5	16.5	1.2	1.5
G401325B	G401316L	40.5	13.5	25	1.3	1.5
G404013B	G404013L	40	40	13	1.4	1.7
G404020B	G404013L	40	40	20	1.5	1.7
G453015B	G453015L	45	30	15	1.0	1.6
G453025B	G453015L	45	30	25	1.0	1.6
G501315B	G501315L	50	13	15	1.5	1.3
G505015B	G505015L	50	50	15	1.6	1.6
G505025B	G505015L	50	50	25	1.6	1.6
G505050B	G505015L	50	50	50	2.3	1.6
G705020B	G705020L	70.5	50.5	20	1.5	1.9
G705035B	G705020L	70.5	560.5	35	1.5	1.9
G906020B	G906020L	90	60	20	1.6	1.9
G1005025B	G1005025L	100	50	25	1.5	1.9
G10010040B	G10010040L	100	100	40	2.0	2.1
G606050B	G606050L	60	60	50	1.5	1.8

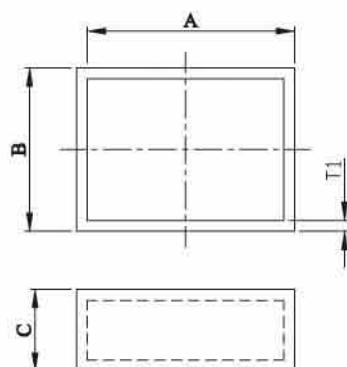
STYLE B
(TOP LIDS ARE NOT AVAILABLE)

ITEM No.		EXTERNAL DIMENSION (MM)		
BASE		A	B	C
G141411B		14	14	11.5
G171410B		17.3	14.8	10.5
G171415B		17.3	14.8	15.2
G181812B		18.4	18.4	13.5
G211317B		21	13	17.5
G222214B		22.3	22.3	14
G262635B		26	26	35
G282819B		28.7	28.7	19
G303050B		30	30	50
G323220B		32.3	32.3	20
G383826B		38.8	38.8	26.5
G383839B		38.8	38.8	39
G401020B		40	10	20
G464640B		46	46	40.5
G121215B		12	12	15
G212112B		21	21	12
G252515B		25	25	15
G382020B		38	20	20
G453016B		45.5	30.5	16
G673546B		67	35.5	46

STYLE A



STYLE B



BOX

COVER

SNAP-IN PLASTIC BOX WITH HINGED COVER



PRODUCT INFORMATION

MATERIAL :

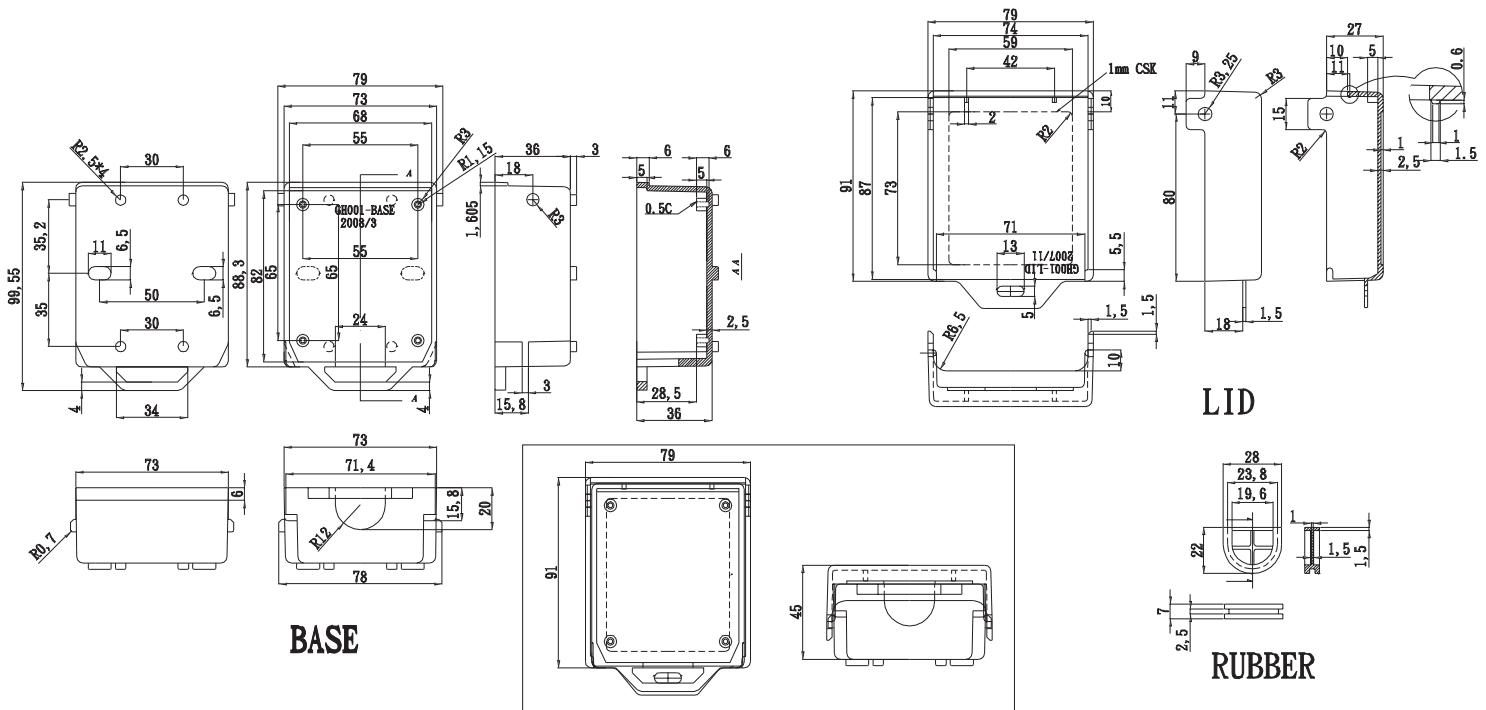
- High impact ABS UL94-HB ABS, light grey and black colors are available for selection.

FEATURES:

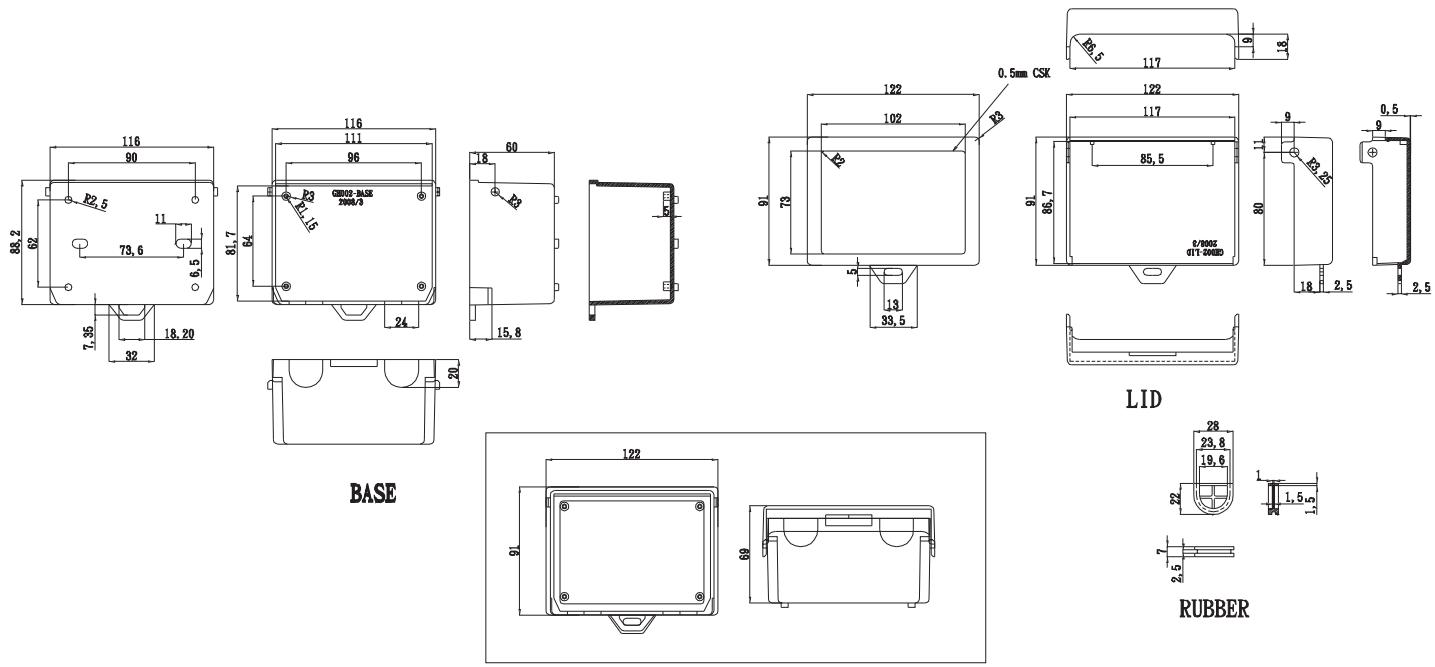
- Snap-in design can be opened and closed easily without the tool.
- Rubber of the cable entry can be cut by knife easily for the cable connection.
- 4 pcs of internal bosses are available for PCB assembly.
- Ideally use for indoor/outdoor telecommunication device.

ITEM No.	CABLE ENTRY	COLOR	EXTERNAL DIMENSION(MM)
GH001G	1 WAY	Grey	91 X 79 X 45
GH001B	1 WAY	Black	91 X 79 X 45
GH002G	2 WAY	Grey	91 X 122 X 69
GH002B	2 WAY	Black	91 X 122 X 69

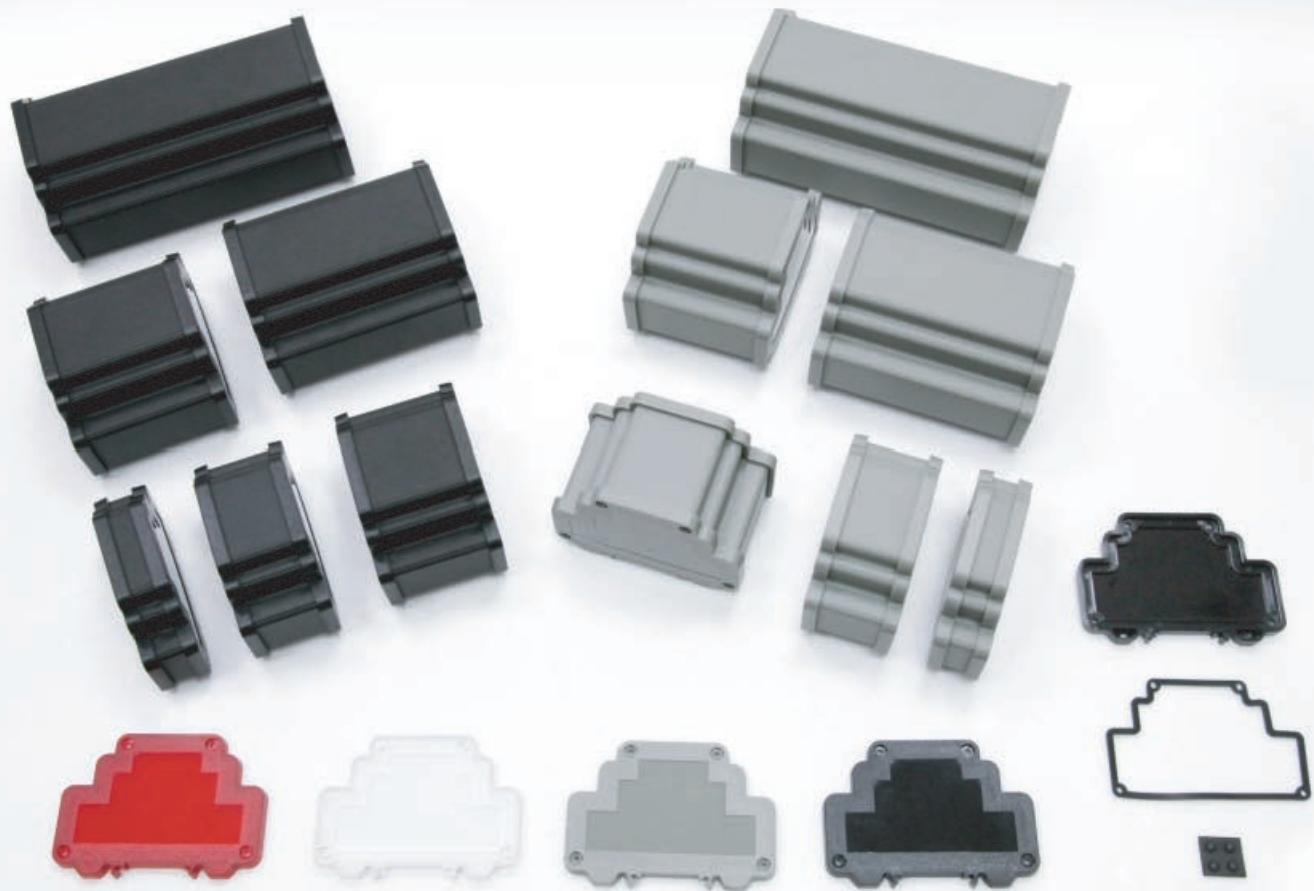
GH001



GH002



EXTRUDED ALUMINIUM HOOD WITH THE DIN RAIL TYPE OF PLASTIC PANELS

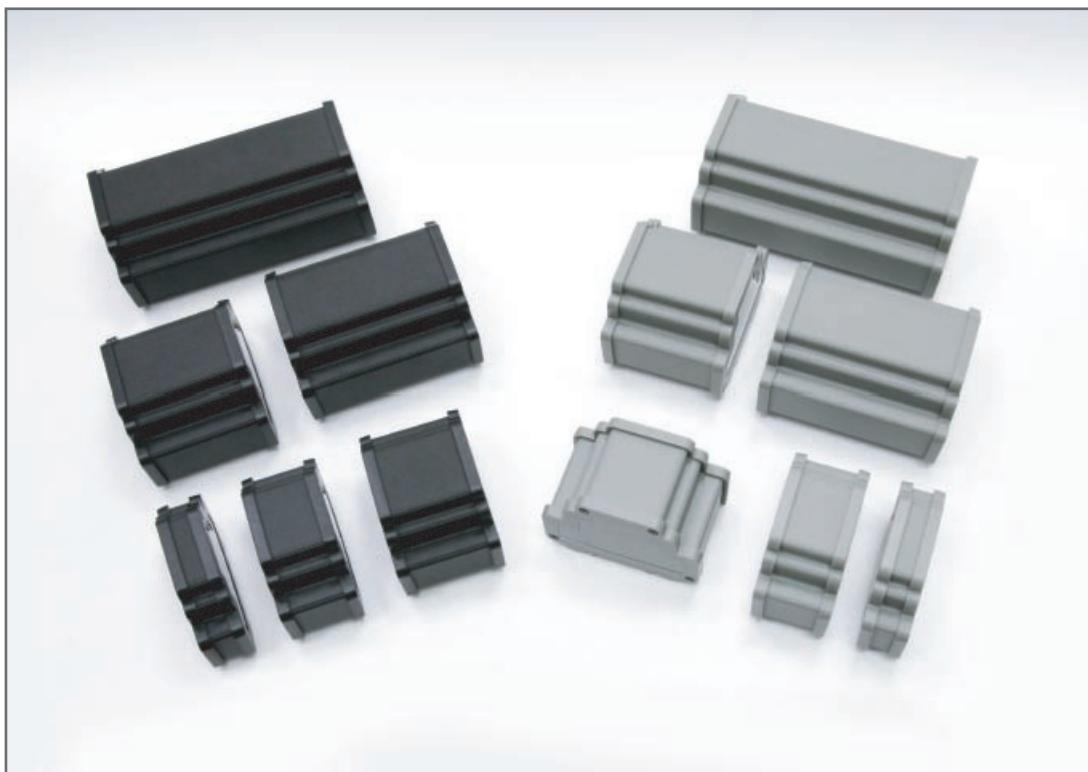


PRODUCT INFORMATION

- Extruded aluminium hood with the din rail type of plastic panels assembled in 6 different lengths, similar to din rail 1M, 2M, 3M, 4M, 6M & 9M module box.
- Products are designed to desktop or incorporate DIN EN60715 Rail.
- The plastic panel incorporate a tongue and groove sealing design, when install the continuous EPDM seal with the hood , the module box is designed to meet IP66 rating of waterproof.
- Material of the aluminium hood: Aluminium alloy 6063.
- Material of the plastic panels: UL94-V0 of polycarbonate.
- Color: painted black aluminium hood with black plastic panels, similar to RAL9005
- Color: painted grey aluminium hood with grey plastic panels, similar to RAL7023

● Different length of the aluminium hood can be ordered (ex: from 25mm to 1000mm), however, minimum ordering quantity will be required.

ALUDIN Box with the EPDM continuous seal



Example



ALUDXMGS-PBK-V0 SERIES

Painted black aluminium hood with black plastic panels

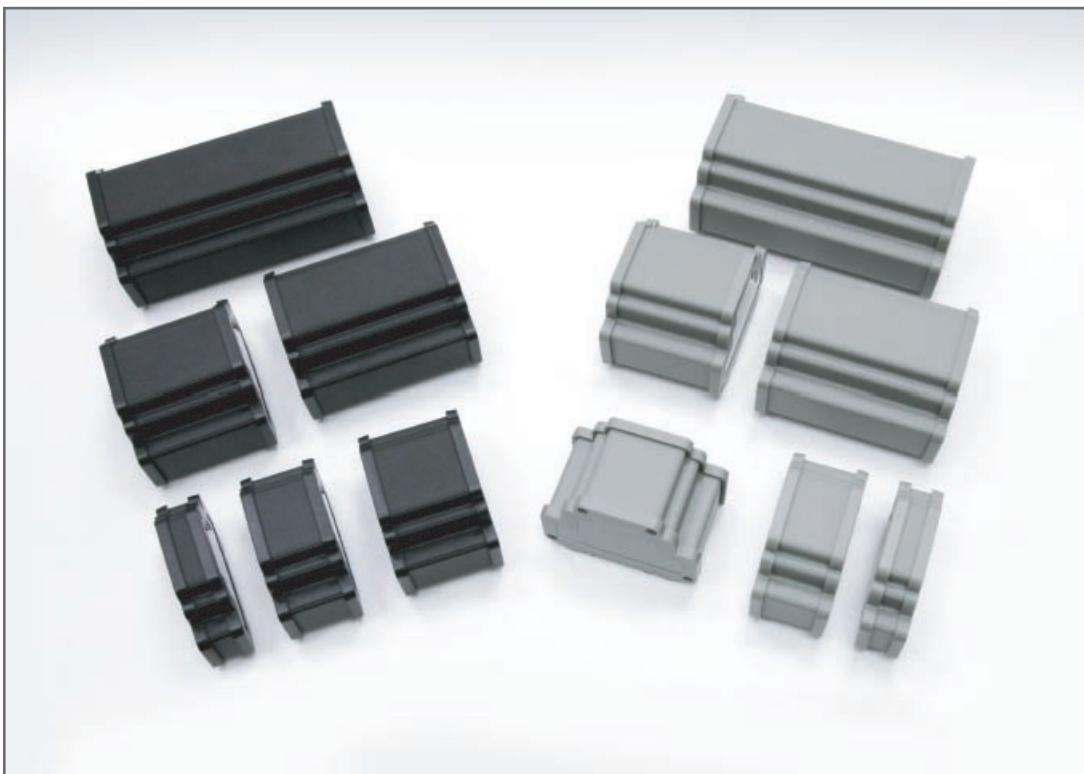
ITEM NO.	COLOR		PRODUCT DESCRIPTION	EXTERNAL DIMENSION(mm)
	ALUMINIUM HOOD	PLASTIC PANELS		
ALUD1MGS-PBK-V0	Painted Black	Black	Aluminium module box with seals, 1MG	28.0 x 98.3 x 69.0
ALUD2MGS-PBK-V0	Painted Black	Black	Aluminium module box with seals, 2MG	44.0 x 98.3 x 69.0
ALUD3MGS-PBK-V0	Painted Black	Black	Aluminium module box with seals, 3MG	60.5 x 98.3 x 69.0
ALUD4MGS-PBK-V0	Painted Black	Black	Aluminium module box with seals, 4MG	78.3 x 98.3 x 69.0
ALUD6MGS-PBK-V0	Painted Black	Black	Aluminium module box with seals, 6MG	113.3 x 98.3 x 69.0
ALUD9MGS-PBK-V0	Painted Black	Black	Aluminium module box with seals, 9MG	166.7 x 98.3 x 69.0

ALUDXMGS-PLG-V0 SERIES

Painted Grey aluminium hood with grey plastic panels

ITEM NO.	COLOR		PRODUCT DESCRIPTION	EXTERNAL DIMENSION(mm)
	ALUMINIUM HOOD	PLASTIC PANELS		
ALUD1MGS-PLG-V0	Painted Grey	Grey	Aluminium module box with seals, 1MG	28.0 x 98.3 x 69.0
ALUD2MGS-PLG-V0	Painted Grey	Grey	Aluminium module box with seals, 2MG	44.0 x 98.3 x 69.0
ALUD3MGS-PLG-V0	Painted Grey	Grey	Aluminium module box with seals, 3MG	60.5 x 98.3 x 69.0
ALUD4MGS-PLG-V0	Painted Grey	Grey	Aluminium module box with seals, 4MG	78.3 x 98.3 x 69.0
ALUD6MGS-PLG-V0	Painted Grey	Grey	Aluminium module box with seals, 6MG	113.3 x 98.3 x 69.0
ALUD9MGS-PLG-V0	Painted Grey	Grey	Aluminium module box with seals, 9MG	166.7 x 98.3 x 69.0

ALUDIN Box without the EPDM continuous seal



Example



ALUDXMG-PBK-V0 SERIES

Painted black aluminium hood with black plastic panels

ITEM No.	COLOR		PRODUCT DESCRIPTION	EXTERNAL DIMENSION(mm)
	ALUMINIUM HOOD	PLASTIC PANELS		
ALUD1MG-PBK-V0	Painted Black	Black	Aluminium module box without seals, 1MG	28.0 x 98.3 x 69.0
ALUD2MG-PBK-V0	Painted Black	Black	Aluminium module box without seals, 2MG	44.0 x 98.3 x 69.0
ALUD3MG-PBK-V0	Painted Black	Black	Aluminium module box without seals, 3MG	60.5 x 98.3 x 69.0
ALUD4MG-PBK-V0	Painted Black	Black	Aluminium module box without seals, 4MG	78.3 x 98.3 x 69.0
ALUD6MG-PBK-V0	Painted Black	Black	Aluminium module box without seals, 6MG	113.3 x 98.3 x 69.0
ALUD9MG-PBK-V0	Painted Black	Black	Aluminium module box without seals, 9MG	166.7 x 98.3 x 69.0

ALUDXMG-PLG-V0 SERIES

Painted Grey aluminium hood with grey plastic panels

ITEM No.	COLOR		PRODUCT DESCRIPTION	EXTERNAL DIMENSION(mm)
	ALUMINIUM HOOD	PLASTIC PANELS		
ALUD1MG-PLG-V0	Painted Grey	Grey	Aluminium module box without seals, 1MG	28.0 x 98.3 x 69.0
ALUD2MG-PLG-V0	Painted Grey	Grey	Aluminium module box without seals, 2MG	44.0 x 98.3 x 69.0
ALUD3MG-PLG-V0	Painted Grey	Grey	Aluminium module box without seals, 3MG	60.5 x 98.3 x 69.0
ALUD4MG-PLG-V0	Painted Grey	Grey	Aluminium module box without seals, 4MG	78.3 x 98.3 x 69.0
ALUD6MG-PLG-V0	Painted Grey	Grey	Aluminium module box without seals, 6MG	113.3 x 98.3 x 69.0
ALUD9MG-PLG-V0	Painted Grey	Grey	Aluminium module box without seals, 9MG	166.7 x 98.3 x 69.0

Transparent and Infra Red Panels



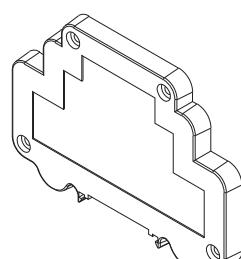
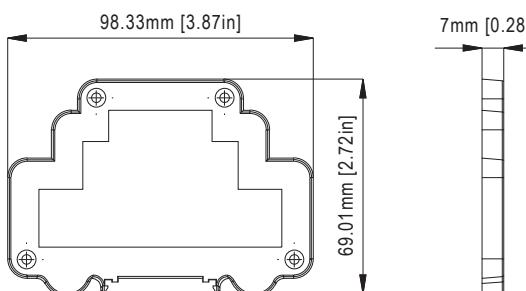
MATERIAL: PC, UL94-V0

ITEM No.	PRODUCT DESCRIPTION	EXTERNAL DIMENSION(mm)
ALUD1MG-PANEL-C	Clear panel for D1MG use	69.0 X 98.3 X 7
ALUD1MG-PANEL-IR	Infra red panel for D1MG use	69.0 X 98.3 X 7
ALUD2MG-PANEL-C	Clear panel for D2MG use	69.0 X 98.3 X 7
ALUD2MG-PANEL-IR	Infra red panel for D2MG use	69.0 X 98.3 X 7
ALUD3MG-PANEL-C	Clear panel for D3MG use	69.0 X 98.3 X 7
ALUD3MG-PANEL-IR	Infra red panel for D3MG use	69.0 X 98.3 X 7
ALUD4MG-PANEL-C	Clear panel for D4MG use	69.0 X 98.3 X 7
ALUD4MG-PANEL-IR	Infra red panel for D4MG use	69.0 X 98.3 X 7
ALUD6MG-PANEL-C	Clear panel for D6MG use	69.0 X 98.3 X 7
ALUD6MG-PANEL-IR	Infra red panel for D6MG use	69.0 X 98.3 X 7
ALUD9MG-PANEL-C	Clear panel for D9MG use	69.0 X 98.3 X 7
ALUD9MG-PANEL-IR	Infra red panel for D9MG use	69.0 X 98.3 X 7

Example

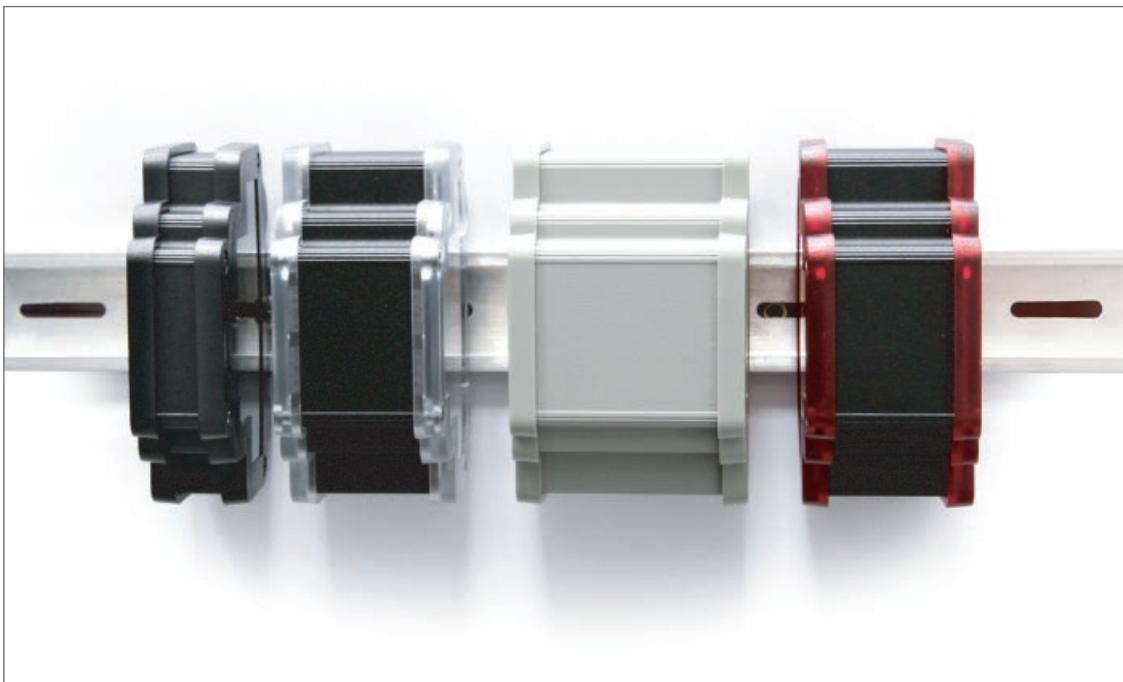


ALUD2MG
(with ALUD2MG-PANEL-C)



ALUD2MG
(with ALUD2MG-PANEL-IR)

FEATURES



Can be assembled with the din EN60715 rail(35mm)

Example



Can be assembled with the
PCB and 3WAY of terminal block.

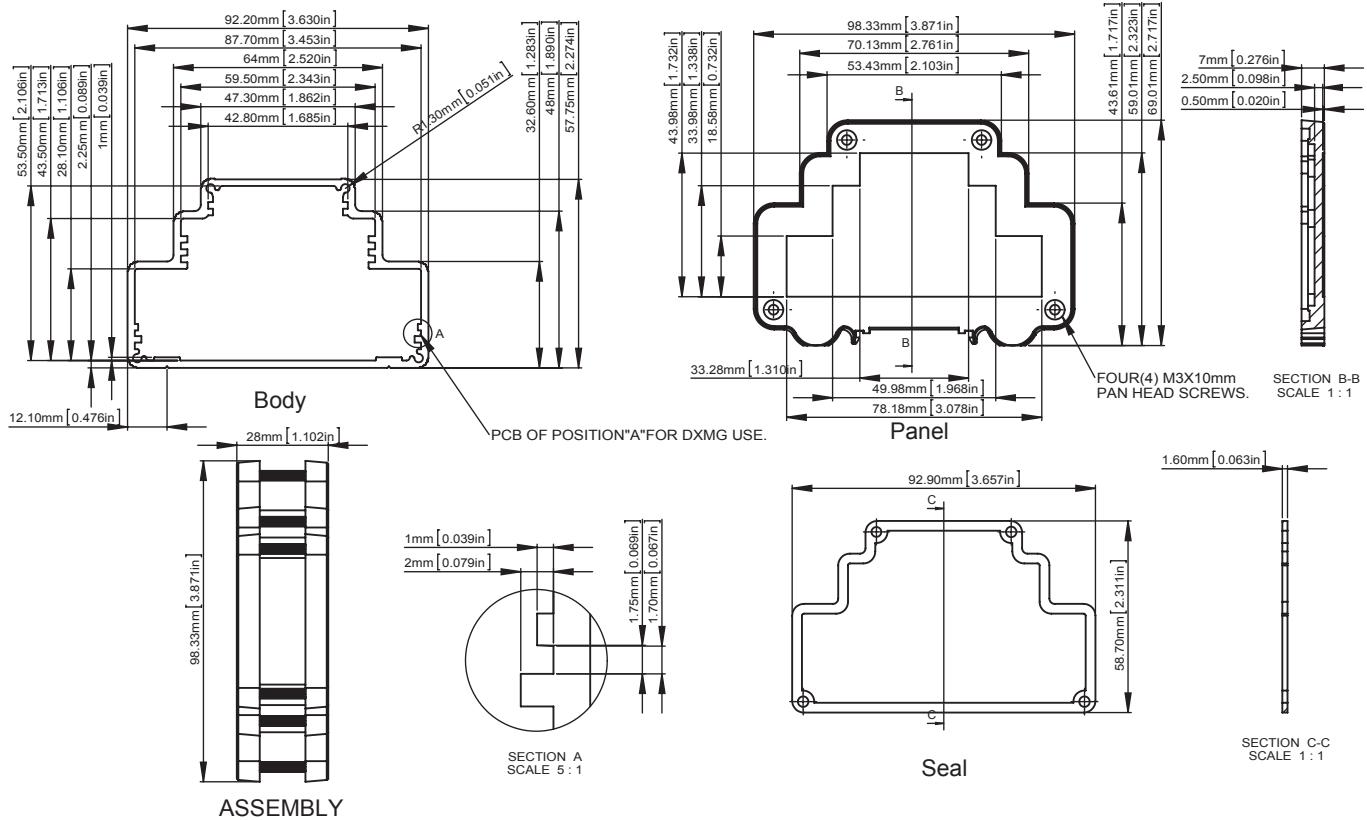
GAINTA Part No:

- **PCB:** D1MG-PCB-A => D9MG-PCB-A
- **3WAY of terminal block:** DXMG-3WAY



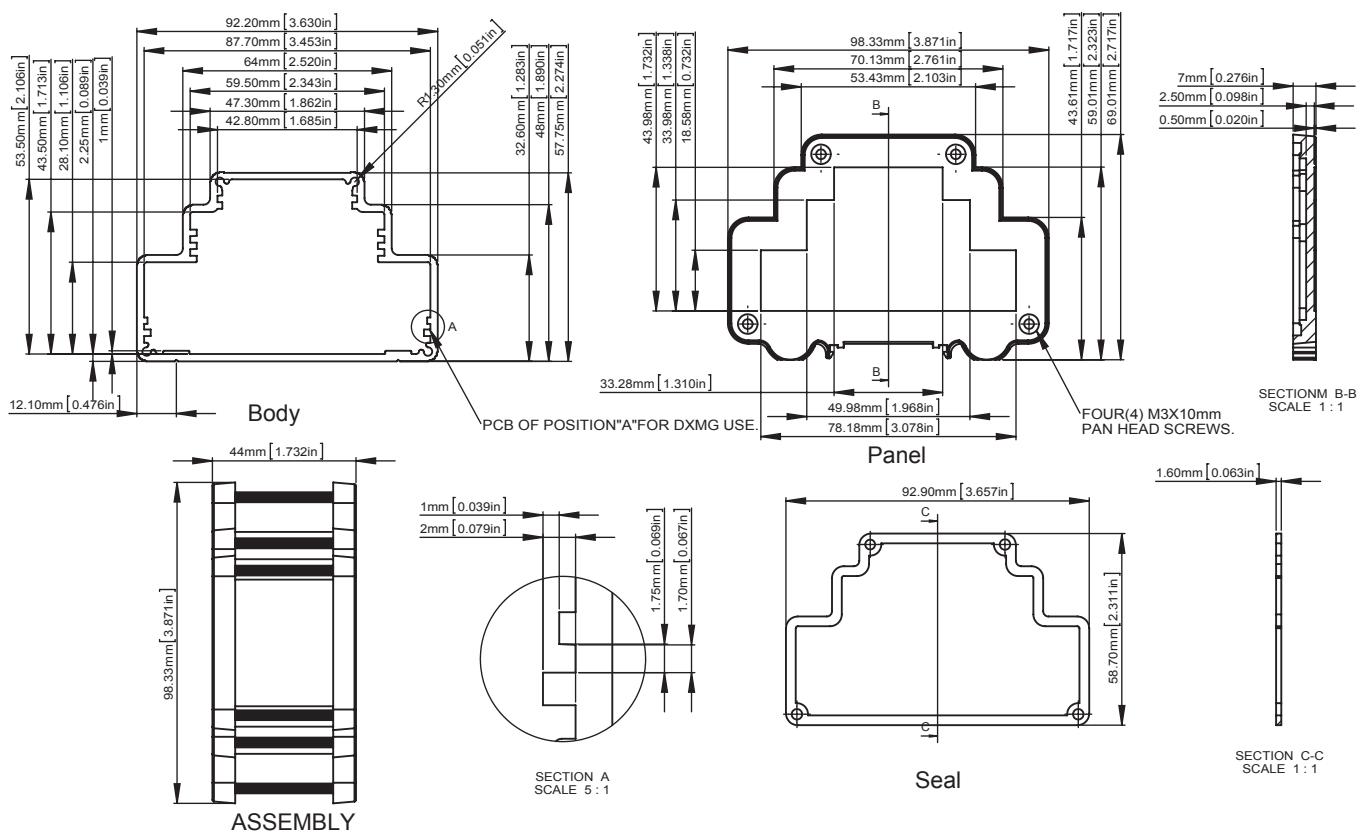
ALUD1MGX-PXX-V0

TOLERANCES: +/- 0.30 mm (+/- 0.012in)



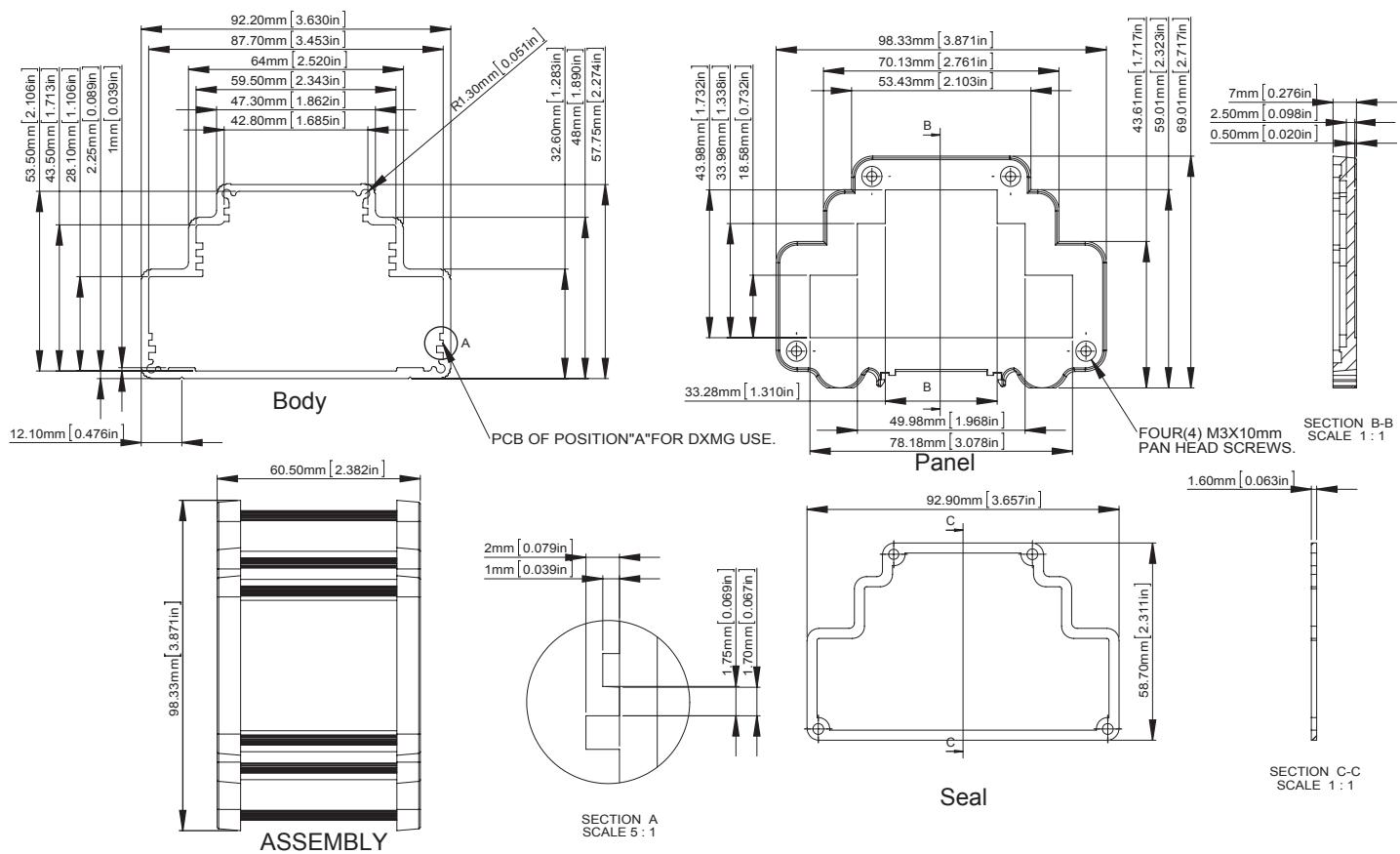
ALUD2MGX-PXX-V0

TOLERANCES: +/- 0.30 mm (+/- 0.012in)



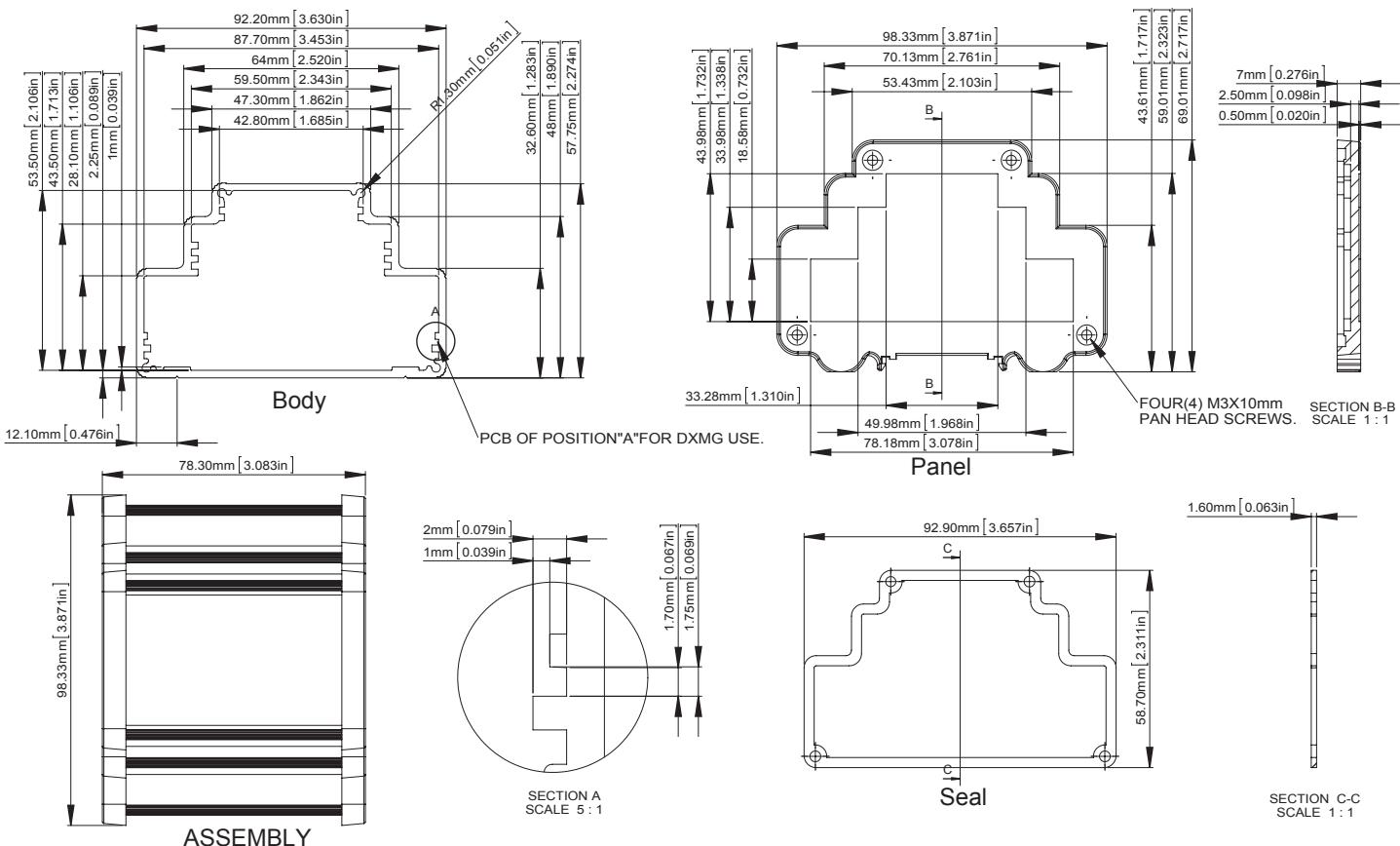
ALUD3MGX-PXX-V0

TOLERANCES: +/- 0.30 mm (+/- 0.012in)



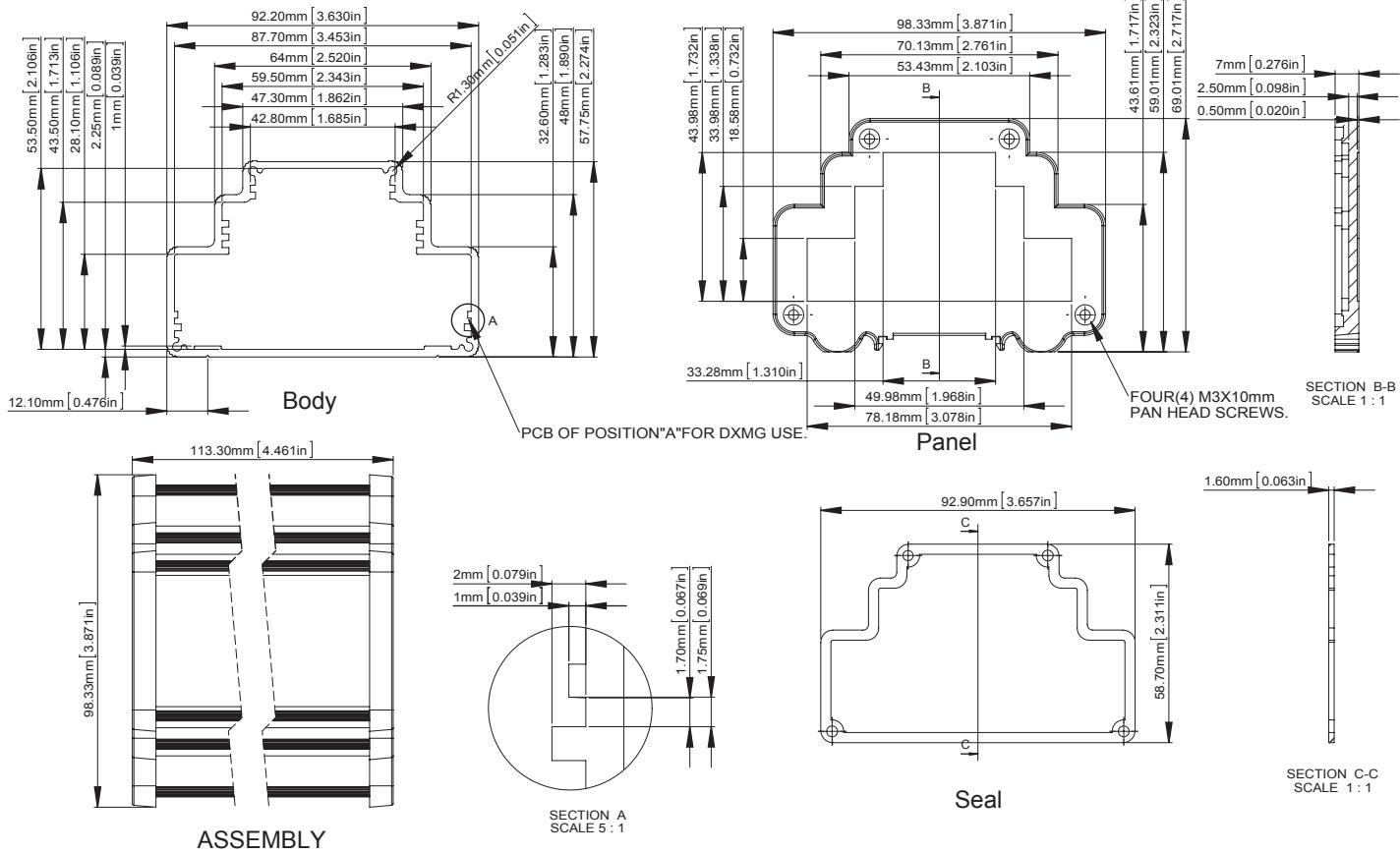
ALUD4MGX-PXX-V0

TOLERANCES: +/- 0.30 mm (+/- 0.012in)



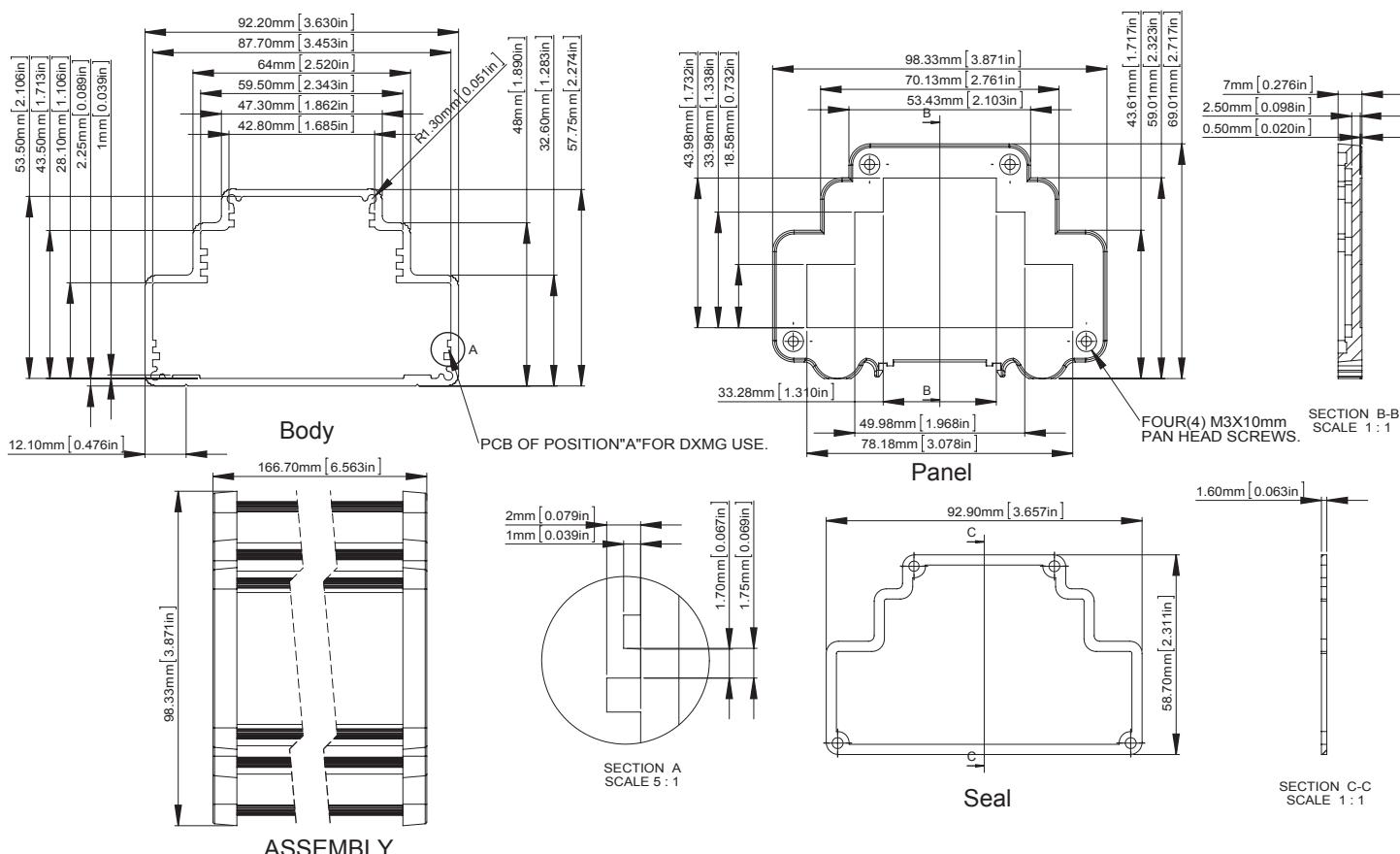
ALUD6MGX-PXX-V0

TOLERANCES: +/- 0.30 mm (+/- 0.012in)



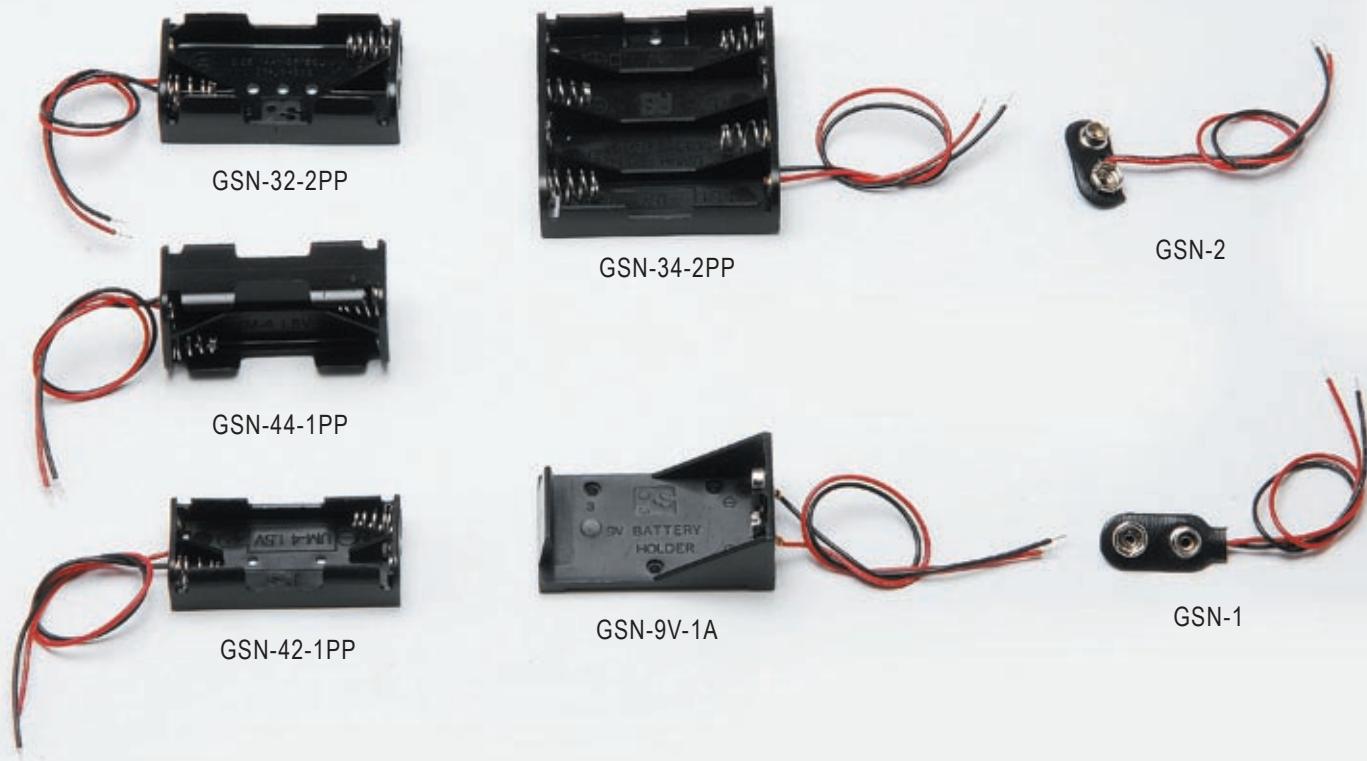
ALUD9MGX-PXX-V0

TOLERANCES: +/- 0.30 mm (+/- 0.012in)



GSN SERIES

BATTERY HOLDER & CLIP



PRODUCT INFORMATION

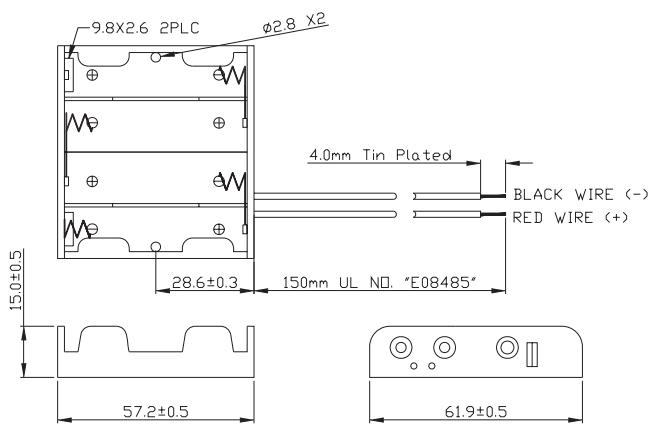
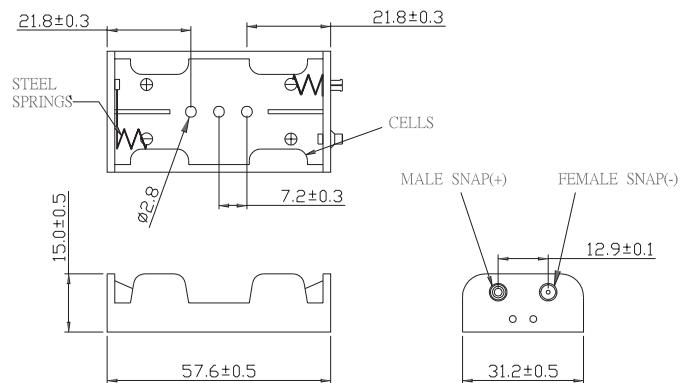
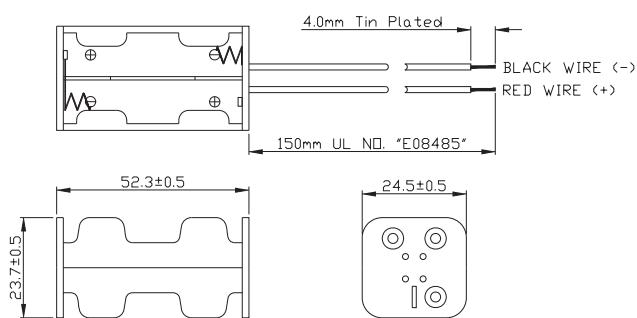
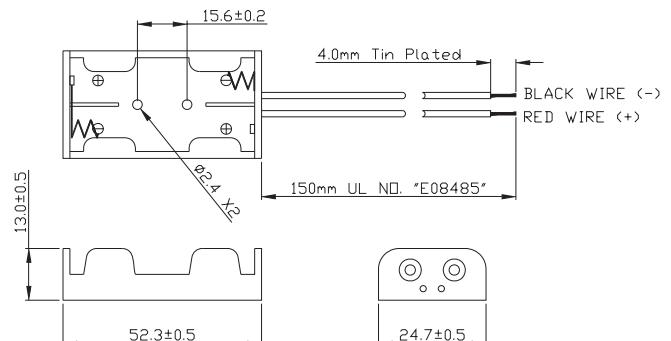
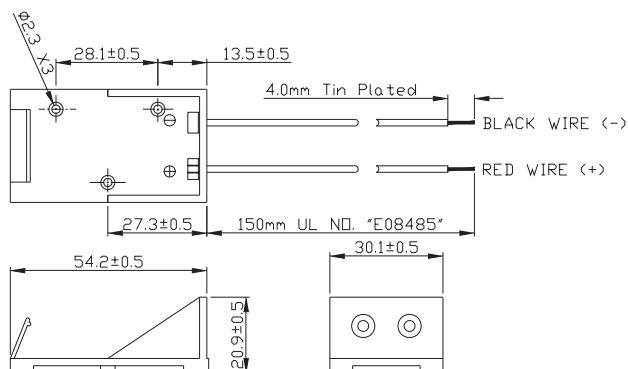
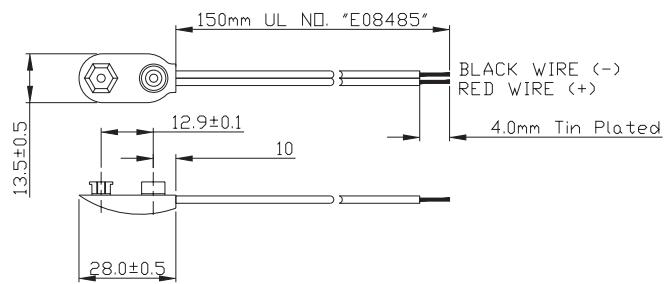
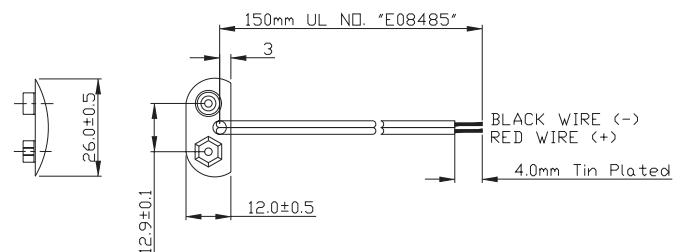
MATERIAL:

- Polypropylene(PP)with UL approved of AWG26 of wire.

FEATURES:

- 1 X 9V, 2 X AA, 2 X AAA, 4 X AA&4 X AAA battery holders are available for selection.
- Side or middle wire entry of battery clip are available for selection.
- Designed to meet with RoHS compliance.

ITEM No.	DESCRIPTION
GSN-9V-1A	9V battery holder with 150MM of wires
GSN-32-2PP	2 X AA battery holder with 150MM of wires
GSN-42-1PP	2 X AAA battery holder with 150MM of wires
GSN-34-2PP	4 X AA battery holder with 150MM of wires
GSN-44-1PP	4 X AAA battery holder with 150MM of wires
GSN-1	9V battery holder with 150MM of wires <SIDE>
GSN-2	9V battery holder with 150MM of wires < MIDDLE >

GSN-34-2PP**GSN-32-2PP****GSN-44-1PP****GSN-42-1PP****GSN-9V-1A****GSN-1****GSN-2**

CABLE GLANDS



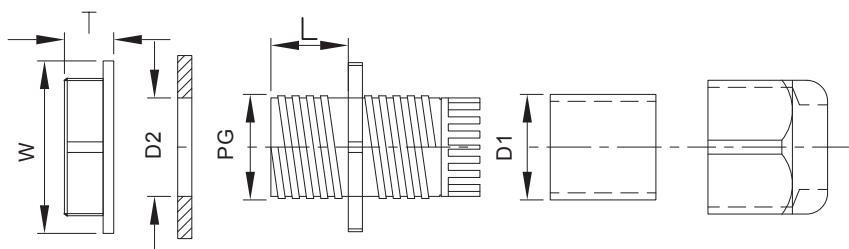
PRODUCT INFORMATION

MATERIAL:

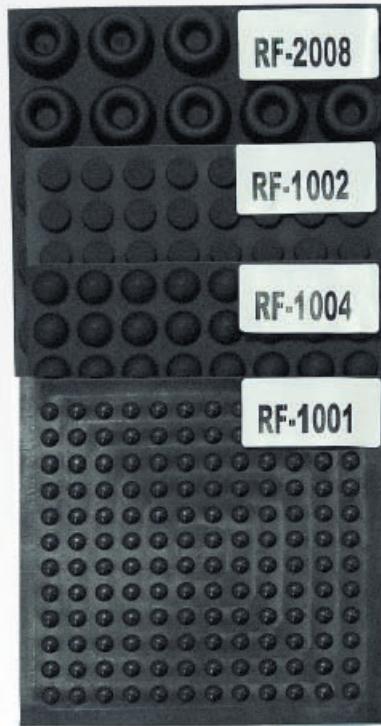
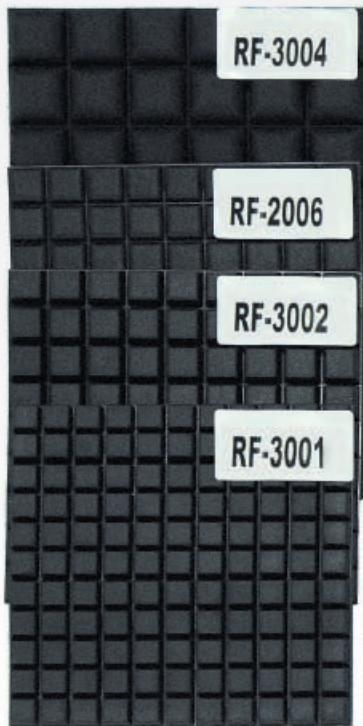
NYLON66 UL94-V2, black.

ITEM No.	D1	D2	L	T	W	FOR CABLES DIAMETER IN mm
PG7	8.0	12.9	8.0	5.3	21.0	3.0 - 4.3
PG9	10.35	15.29	8.2	5.1	23.4	4.0 - 6.4
PG11	13.2	18.9	8.2	5.2	26.6	5.0 - 7.5
PG13.5	15.2	20.2	9.43	6.2	29.5	6.0 - 11.0
PG16	17.45	22.6	9.7	6.35	33.1	10.0 - 13.0
PG21	22.1	28.6	10.8	7.3	39.1	13.0 - 17.0
PG29	29.43	36.8	11.0	8.0	50.1	18.0 - 24.0

Example



RUBBER FEET



RF-4010



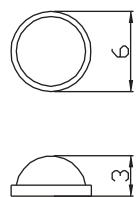
PRODUCT INFORMATION

- Self-adhesive(with 3M glue)
- Flat-round,square,round style are available for selection.
- Rubber is black.
- PU is clear.
- Designed to meet with RoHS compliance.

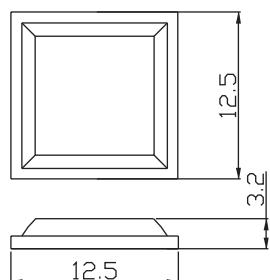
ITEM No.	MATERIAL	DESCRIPTION	EXTERNAL DIMENSION(mm)
RF-1001	Rubber	Round hemisphere style	H:3.0mm D:6.0mm
RF-1002	Rubber	Flat-round style	H:3.0mm D:11.5mm
RF-1004	Rubber	Round hemisphere style	H:5.0mm D:12.0mm
RF-2006	Rubber	Square style	H:3.5mm W:13.0mm L:13.0mm
RF-2008	Rubber	Round style	H:10.0mm D:22.0mm
RF-3001	Rubber	Square style	H:5.0mm W:10.0mm L:10.0mm
RF-3002	Rubber	Square style	H:5.7mm W:12.5mm L:12.5mm
RF-3004	Rubber	Square style	H:8.0mm W:20.0mm L:20.0mm
RF-4010	Rubber	Round style	H:10.0mm D:16.0mm
RF-6002	PU	Round hemisphere style	H:2.5mm D:8.0mm
RF-6004	PU	Round style	H:5.6mm D:10.3mm
RF-6006	PU	Round hemisphere style	H:6.0mm D:11.7mm
RF-6009	PU	Square style	H:5.4mm W:12.4mm L:12.4mm
RF-6010	PU	Round hemisphere style	H:2.7mm D:15mm
RF-6011	PU	Round hemisphere style	H:3.2mm D:20.5mm

MATERIAL: RUBBER (SELF-ADHESIVE/WITH 3M GLUE) ; COLOR: BLACK

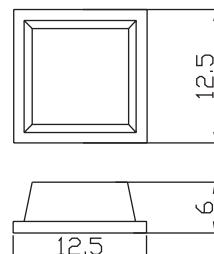
RF-1001



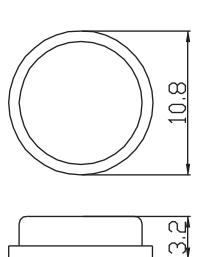
RF-2006



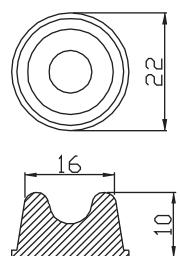
RF-3002



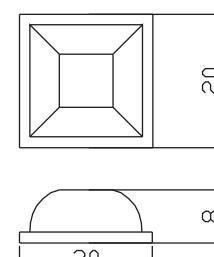
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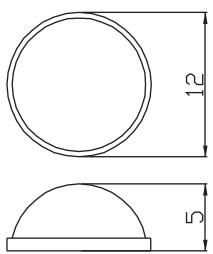
RF-2008



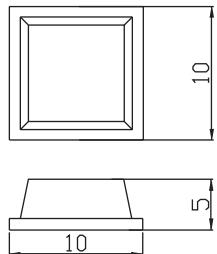
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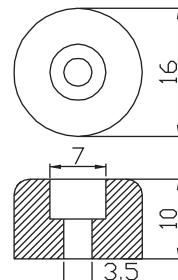
RF-1004



RF-3001

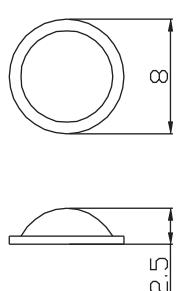


RF-4010

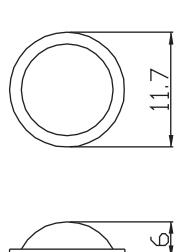


MATERIAL: PU (SELF-ADHESIVE/WITH 3M GLUE) ; COLOR: CLEAR

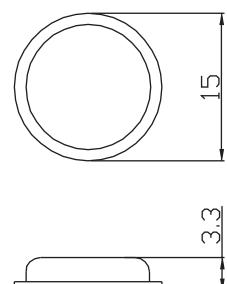
RF-6002



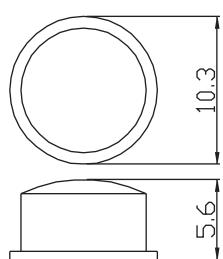
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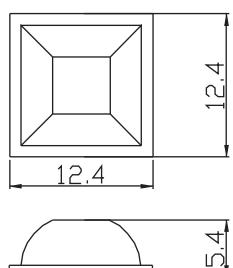
RF-6010



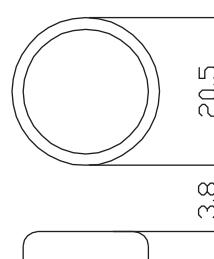
RF-6004



RF-6009



RF-6011



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PLASTIC BOX SERIES



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