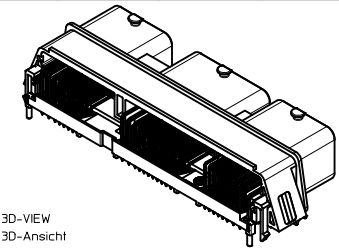
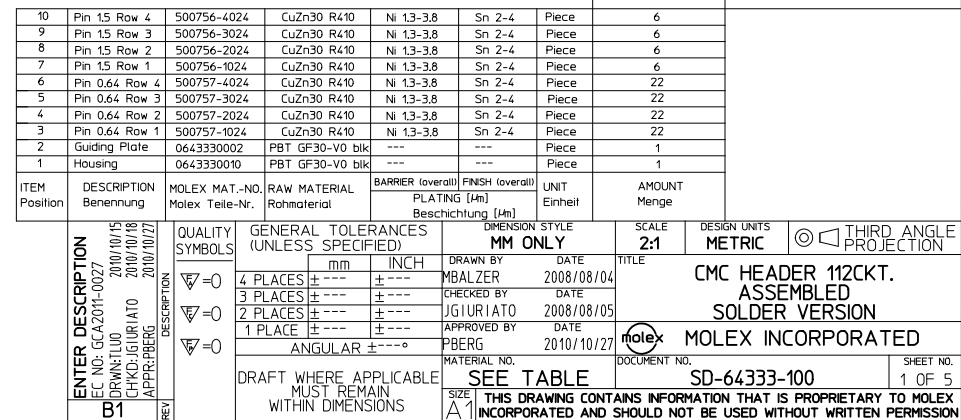
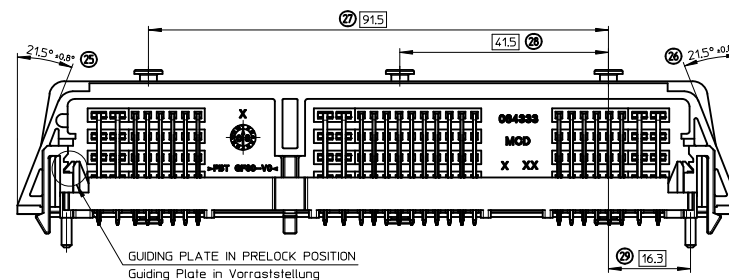




- | | |
|---|--|
| <p>1 - GENERAL TOLERANCE ACC. DIN 16901 Group 130
Allgemeintoleranz nach DIN 16901 Gruppe 130</p> <p>2 - SEALING AREA (NO BURR, SCRATCHES, CONTAMINATION, SHRINK DEPENDED WARPAGE AND TOOL SPLITTING LINES ALLOWED)
Dichtbereich (kein Grat, Kratzer, Verschmutzung, schwindungsbedingte Wandeinfälle und Werkzeugtrennlinien erlaubt)</p> <p>3 - MATERIAL MARKING
ADDITIONAL MARKING POSSIBLE
e.g.: - CAVITY No.
- MATERIAL No.
- VERSION No.
- TRACEABILITY MARKING (INK-JET OR LASERMARKING (SPECIAL PLASTIC MATERIAL NEEDED))
- etc.
Materialkennzeichnung
Zusätzliche Kennzeichnungen möglich
z.B.: - Nesl Nr.
- Teile Nr.
- Versions Nr.
- Rückverfolgbarkeitskennzeichnung (Tinten- oder Laserbedruckung (spezielles Kunststoffmaterial nötig))
- etc.</p> | <p>4 - TOOLING SPLITTING LINES FOR AIR VENT (2x)
Werkzeugtrennlinien zur Entlüftung (2x)</p> <p>5 - COLOUR CODING ON INTERFACE
Farbkodierung an der Schnittstelle</p> <p>6 - MARKING FOR HARNESS DIRECTION: APPLY WHITE INK
Kennzeichnung für Kabelabgangsrichtung: Verwendung weißer Tinte</p> <p>7 - SUPPORT SURFACE PCB (10x)
Auftragfläche Leiterplatte (10x)</p> <p>8 - MATES WITH CMC CONNECTOR 48CKT. AND 32CKT.
Steckbar mit CMC Steckverbinder 48pol. und 32pol.
MATERIAL NO'S:
LEFT WIRE OUTPUT BROWN CODING 643191218
RIGHT WIRE OUTPUT GREY CODING 643203319
RIGHT WIRE OUTPUT BLACK CODING 643193211
Teilenummern:
Linker Kabelabgang graue Kodierung 643191218
Rechter Kabelabgang braune Kodierung 643203319
Rechter Kabelabgang schwarze Kodierung 643193211</p> |
|---|--|

3D-VIEW
3D-Ansicht

TECHNICAL PERFORMANCE CHARACTERISTICS

Technische Leistungsmerkmale

LOCKING FEATURES RETENTION FORCE AVERAGE: >260N
THE LOWEST RETENTION FORCE VALUE >240N
Durchschnittliche Haltekraft an den Verriegelungsdomen: >260N
Der kleinste Wert darf 240N nicht unterschreiten

PIN AND TAB RETENTION AND TRACTION FORCES:
Pin und Tab Druck- und Zughaltekräfte:


CONTACT Kontakt	SIZE [mm] Größe [mm]	RETENTION FORCES Haltekraft Druck
Pin	0.635x0.635	≥30N
Tab	1.5x0.8	≥60N

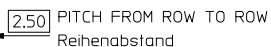
SOLDERABILITY:
TESTING ACC. DIN IEC 60068-2-20 WITHOUT PRE-AGING
Lötbarkeit:
Durchführung nach DIN IEC 60068-2-20 ohne Voralterung

ALL FURTHER TECHNICAL PERFORMANCE CHARACTERISTICS
ARE SHOWN IN PRODUCTS AND TEST SPECIFICATION OF
THE RELEVANT FEMALE CONNECTORS -> PS-64319-001
Alle weiteren Technischen Leistungsmerkmale entnehmen
Sie den Produkt- bzw. Testspezifikationen der
entsprechenden Steckverbinder -> PS-64319-001

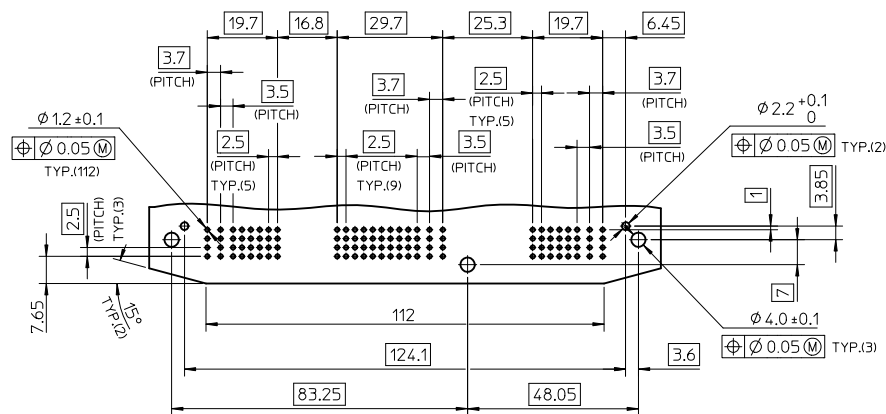
0643330100	MOLEX MATERIAL NO. / MOLEX Teile-Nr.
CMC Header Assy 112ckt.	DESCRIPTION / Benennung
83.5 g	WEIGHT MEASURED/ GEWICHT GEMESSEN

10	Pin 15 Row 4	500756-4024	CuZn30 R410	Ni 13-3.8	Sn 2-4	Piece	6
9	Pin 15 Row 3	500756-3024	CuZn30 R410	Ni 13-3.8	Sn 2-4	Piece	6
8	Pin 15 Row 2	500756-2024	CuZn30 R410	Ni 13-3.8	Sn 2-4	Piece	6
7	Pin 15 Row 1	500756-1024	CuZn30 R410	Ni 13-3.8	Sn 2-4	Piece	6
6	Pin 0.64 Row 4	500757-4024	CuZn30 R410	Ni 13-3.8	Sn 2-4	Piece	22
5	Pin 0.64 Row 3	500757-3024	CuZn30 R410	Ni 13-3.8	Sn 2-4	Piece	22
4	Pin 0.64 Row 2	500757-2024	CuZn30 R410	Ni 13-3.8	Sn 2-4	Piece	22
3	Pin 0.64 Row 1	500757-1024	CuZn30 R410	Ni 13-3.8	Sn 2-4	Piece	22
2	Guiding Plate	0643330002	PBT GF30-V0 blk	---	---	Piece	1
1	Housing	0643330010	PBT GF30-V0 blk	---	---	Piece	1
ITEM Position		DESCRIPTION Benennung	MOLEX MAT.-NO. Molex Teile-Nr.	RAW MATERIAL Rohmaterial	BARRIER (overall) PLATING [Hn] Beschichtung [Hn]	FINISH (overall) UNIT Einheit	AMOUNT Menge

ENTER DESCRIPTION CNC NO. GCAZ011-0027 DRAWN: LLO CHKD: JGURIATO APPR: PBERG	REVISION 2010/10/15 2010/10/18 2010/10/27	QUALITY SYMBOLS ▽=0 ▽=1 ▽=2	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
			mm INCH		DRAWN BY DATE MBALZER 2008/08/04		TITLE		
			4 PLACES ±--- ±---		CHECKED BY DATE JGURIATO 2008/08/05		CMC HEADER 12CKT. ASSEMBLED SOLDER VERSION		
			3 PLACES ±--- ±---		APPROVED BY DATE PBERG 2010/10/27				
			2 PLACES ±--- ±---		MOLEX MOLEX INCORPORATED				
			1 PLACE ±--- ±---						
			ANGULAR ±---°		MATERIAL NO.		DOCUMENT NO.		SHEET NO. 1 OF 5
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-64333-100		
			B1		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



B-B



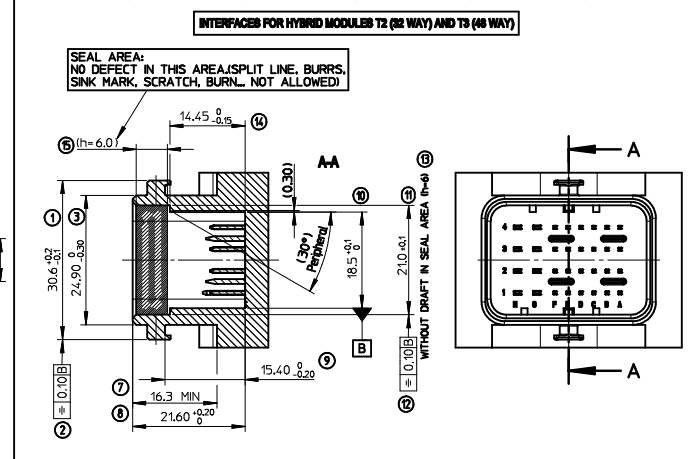
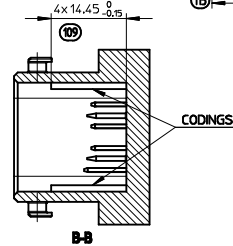
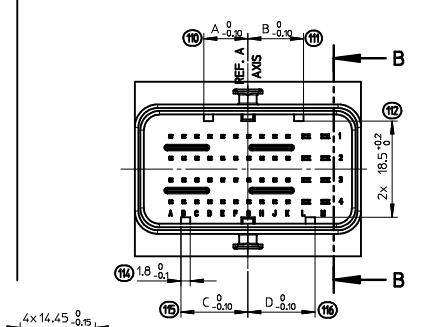
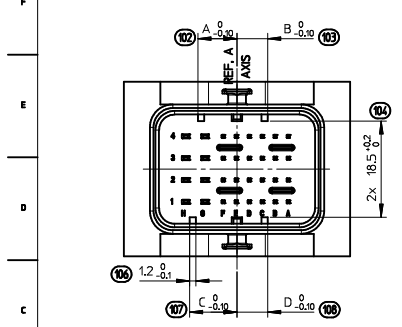
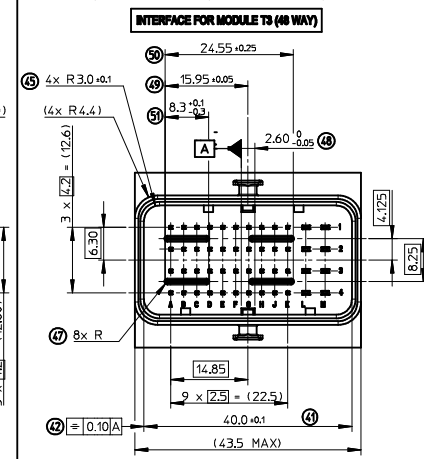
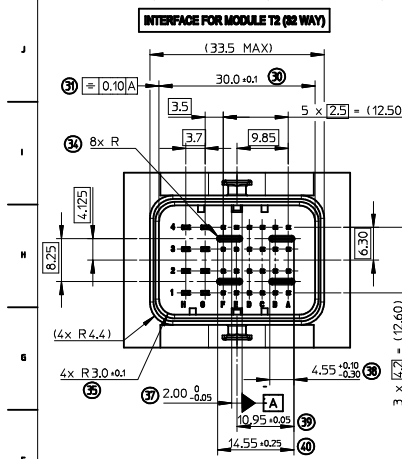
RECOMMENDED PCB LAYOUT (COMPONENT SIDE)

THICKNESS: 1.6±0.1mm

NOTES:

1. THE VIEW 'RECOMMENDED PCB LAYOUT' SHOWS THE SECTION OF THE HOLE POSITION CONCERNING THE HEADER-PIN, GUIDING AND LOCKING LAYOUT.
2. THIS VIEW OF THE HOLE PATTERN DOESN'T POINT TO THE ABSOLUTE POSITION ON THE PCB.
3. THE HOLE PATTERN IS COPY OF THE HEADER LAYOUT.
4. PLEASE COMBINE THE TWO ELEMENTS (HEADER AND VIEW OF THE HOLE PATTERN) TO CREATE PCB LAYOUT.

ENTER DESCRIPTION EC NO.: GCA2011-0027 2010/10/15 CHKD: TL00 2010/10/18 CHKO: JGIURIATO 2010/10/17 APPR: PBERG	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
			MM ONLY		1:1	METRIC		
			DRAWN BY	DATE	TITLE CMC HEADER 112CKT. ASSEMBLED SOLDER VERSION MOLEX INCORPORATED		SHEET NO. 2 OF 5	
			CHECKED BY	DATE				
			APPROVED BY	DATE				
DESCRIPTION	mm	INCH	MBALZER	2008/08/04	MOLEX INCORPORATED			
▽=0	4 PLACES ±---	±---	JGIURIATO	2008/08/05				
▽=0	3 PLACES ±---	±---	PBERG	2010/10/27				
▽=0	2 PLACES ±---	±---	MATERIAL NO.		DOCUMENT NO.		SEE SHEET 1	
▽=0	1 PLACE ±---	±---	SIZE		SD-64333-100		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
REV		ANGULAR ±---°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					



HEADERS CODINGS

(CODING 2 SHOWN)

COLOR	CODING	DIM. A	DIM. B	DIM. C	DIM. D
BLACK	1	9.1	4.3	5.9	4.3
GREY	2	7.5	5.9	9.1	5.9
BROWN	3	5.9	7.5	9.1	9.1
GREEN	4	7.5	9.1	4.3	4.3
BLUE	5	4.3	7.5	5.9	5.9
YELLOW	6	9.1	7.5	4.3	7.5

(CODING 3 SHOWN)

COLOR	CODING	DIM. A	DIM. B	DIM. C	DIM. D
BLACK	1	12.9	6.3	8.5	6.3
GREY	2	10.7	8.5	12.9	8.5
BROWN	3	8.5	10.7	12.9	12.9
GREEN	4	10.7	12.9	6.3	6.3
BLUE	5	6.3	10.7	8.5	8.5
YELLOW	6	12.9	10.7	6.3	10.7

NOTE:
 1- INTERFACE DEFINITION BASED ON NFR13-462 STANDARD.
 2- HEADER ELASTICITY MODULUS: 8000Mpa min.
 (INITIAL CONDITION BEFORE AGEING)

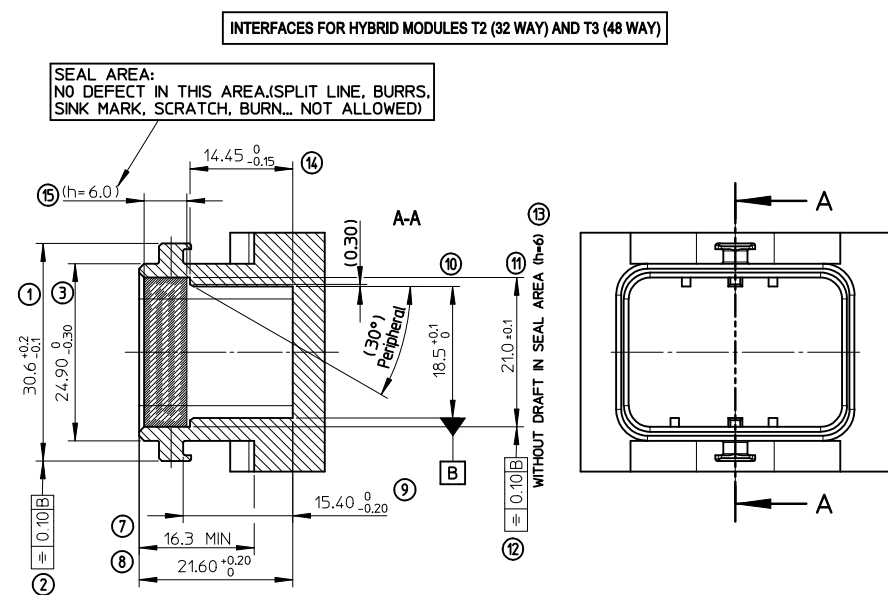
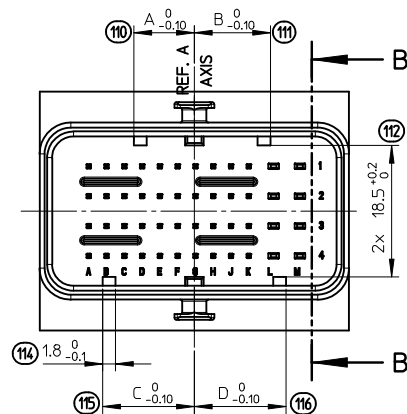
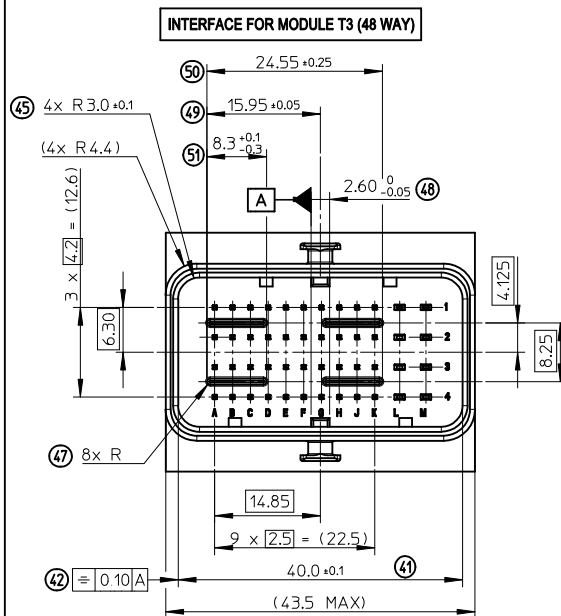
lb_frame_A2_P_AM_F
 Rev. F 2009/06/18

ENTER DESCRIPTION EC NO: 02010-0220 DRAWN: TLUO 2010/05/20 CHKD: JGIURIATO 2008/10/03 APPR: PBERG 2010/06/29	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.10 ± --- ANGULAR ± 2°	DIMENSION STYLE MM ONLY DRAWN BY: G. DESBRUERES 2008/10/02 CHECKED BY: J. GIURIATO 2008/10/03 APPROVED BY: O. PLESSIS 2008/10/06 MATERIAL NO.: N/A SIZE: A2	SCALE 2:1 DESIGN UNITS METRIC PROJECTION FIRST ANGLE	TITLE INTERFACES FOR CONNECTOR 32 & 48 CKT CMC GENERIC SALES DRAWING MOLEX INCORPORATED SD-98644-006 SHEET NO. 1 OF 1

ENTER DESCRIPTION EC NO: GCA2011-0027 DRAWN: TLUO 2010/10/15 CHKD: JGIURIATO 2010/10/18 APPR: PBERG 2010/10/27	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- ANGULAR ± ---° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY DRAWN BY: MBALZER 2008/08/04 CHECKED BY: JGIURIATO 2008/08/05 APPROVED BY: PBERG 2010/10/27 MATERIAL NO.: SEE SHEET 1 SIZE: A2	SCALE 1:1 DESIGN UNITS METRIC PROJECTION THIRD ANGLE	TITLE CMC HEADER 112CKT. ASSEMBLED SOLDER VERSION MOLEX INCORPORATED SD-64333-100 SHEET NO. 3 OF 5

lb_frame_A2_P_AM_T
 Rev. F 2009/06/18

tb_frame_A2_P_AM_T
Rev. F 2009/06/18



HEADER'S CODINGS FOR MODULE T2 (32W)					
COLOR	CODING	DIM. A	DIM. B	DIM. C	DIM. D
BLACK	1	9.1	4.3	5.9	4.3
GREY	2	7.5	5.9	9.1	5.9
BROWN	3	5.9	7.5	9.1	9.1
GREEN	4	7.5	9.1	4.3	4.3
BLUE	5	4.3	7.5	5.9	5.9
YELLOW	6	9.1	7.5	4.3	7.5

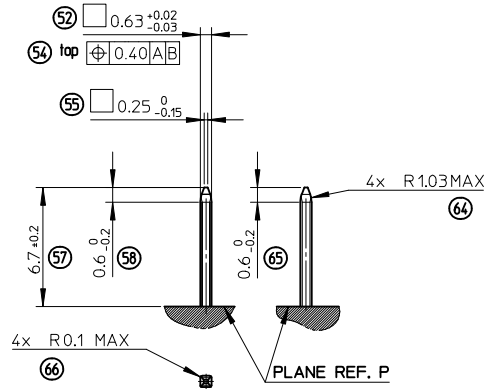
HEADER'S CODINGS FOR MODULE T3 (48W)					
COLOR	CODING	DIM. A	DIM. B	DIM. C	DIM. D
BLACK	1	12.9	6.3	8.5	6.3
GREY	2	10.7	8.5	12.9	8.5
BROWN	3	8.5	10.7	12.9	12.9
GREEN	4	10.7	12.9	6.3	6.3
BLUE	5	6.3	10.7	8.5	8.5
YELLOW	6	12.9	10.7	6.3	10.7

1- INTERFACE DEFINITION BASED ON NFR13-462 STANDARD.
2- HEADER: ELASTICITY MODULUS: 8000Mpa min.
(INITIAL CONDITION BEFORE AGEING)

tb_frame_A2_P_AM_F
Rev. F 2009/06/18

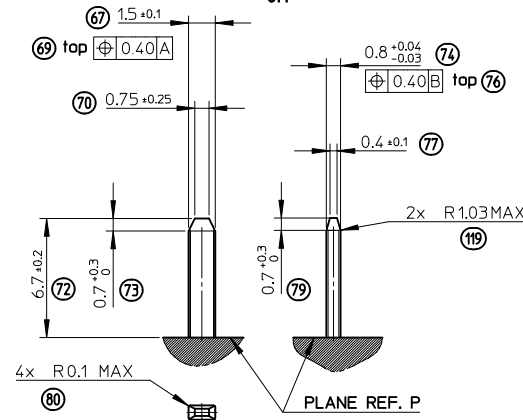
PINS 0.635 DEFINITION

5:1



TABS 1.5 DEFINITION

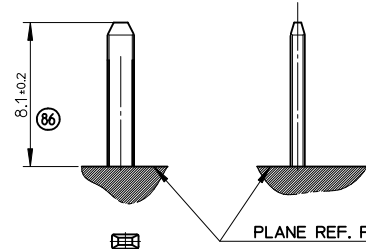
5:1



GROUND TABS 1.5 DEFINITION

5:1

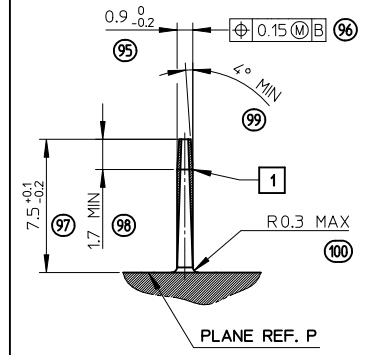
FOR OTHER DIMENSIONS
SEE TABS 1.5 DEFINITION



PROTECTION WALL DEFINITION

5:1

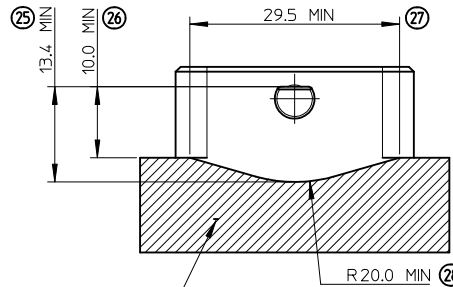
1: SHAPES ALLOWED



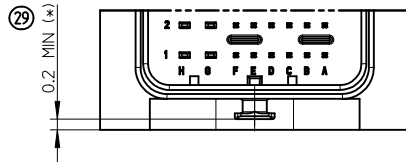
LOCKING AXIS PROTECTION

2:1

MANDATORY OVERTHICKNESS: dimension noted (*)
IF THE LOCKING AXIS ARE OUT OF
EQUIPMENT OVERALL DIMENSIONS.

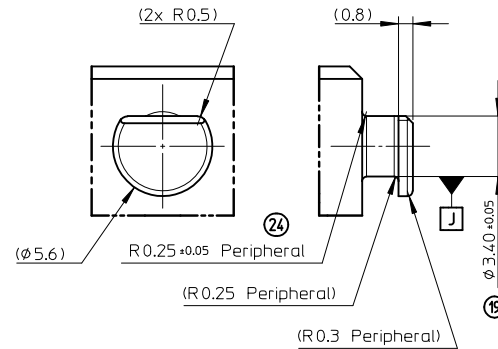


ADMISSIBLE SHAPES WITH OVERTHICKNESS 0.2 MIN (*)



LOCKING AXIS DEFINITION

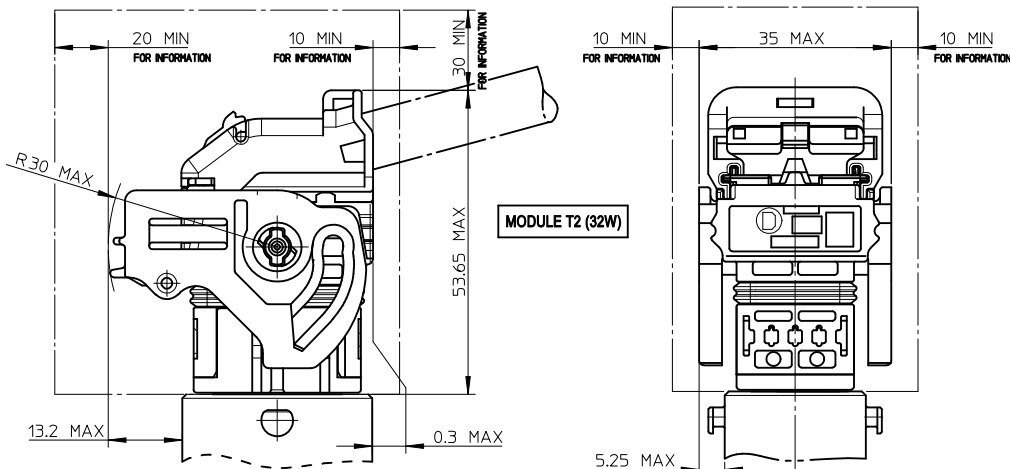
5:1



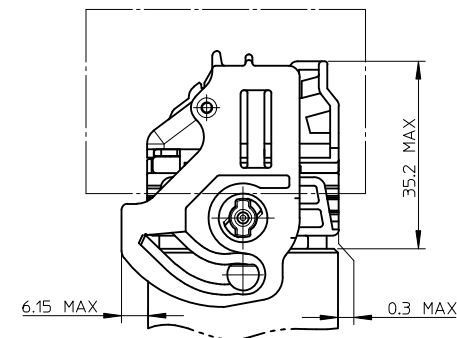
ENTER DESCRIPTION		DESCRIPTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	FIRST ANGLE PROJECTION		
				mm	INCH	DRAWN BY	DATE	TITLE				
B	DRWN: P. DECELE	2010/05/20		4 PLACES	± ---	± ---	G. DESBRUERES	2008/10/02	INTERFACES FOR CONNECTOR 32 & 48 CKT CMC GENERIC SALES DRAWING MOLEX INCORPORATED			
	CHKD: J. GIURIATO	2008/10/03		3 PLACES	± ---	± ---	CHECKED BY	DATE				
				2 PLACES	± 0.10	± ---	J. GIURIATO	2008/10/03				
	APPR: C. BOUCHAN	2010/06/29		1 PLACE	± 0.10	± ---	APPROVED BY	DATE				
				ANGULAR ± 2 °		O. PLESSIS	2008/10/06					
						MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		N/A		SD-98644-006		2 OF 3		
		REV		SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
				A2								

CONNECTOR ON HEADER - OVERALL DIMENSIONS

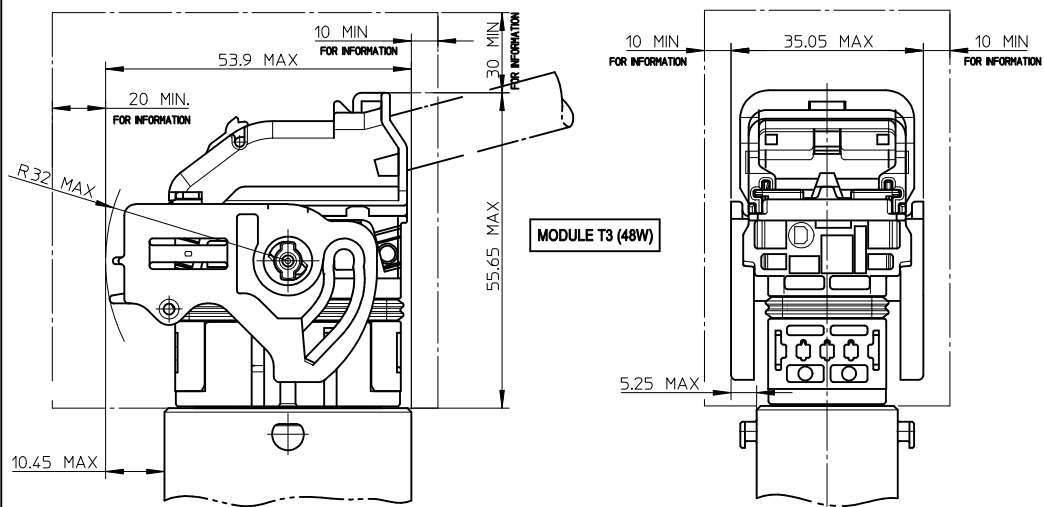
UNLOCKED CONNECTOR - OVERALL DIMENSIONS



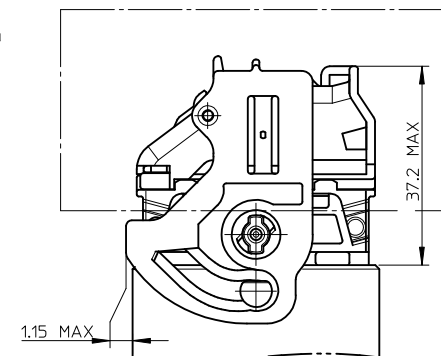
LOCKED CONNECTOR - OVERALL DIMENSIONS



UNLOCKED CONNECTOR - OVERALL DIMENSIONS



LOCKED CONNECTOR - OVERALL DIMENSIONS

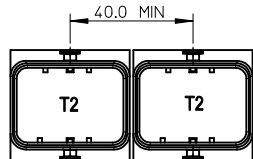


NOTE:
1- T2 = 32 WAY / T3 = 48 WAY

MULTI-HEADERS LAYOUT

LAYOUT FOR TWO INTERFACES T2 (32W)

FOR SAME HARNESS EXIT CONFIGURATION

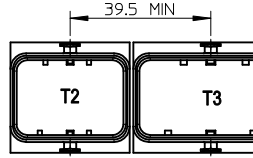


FOR OPPOSITE HARNESS EXIT CONFIGURATION



LAYOUT FOR TWO INTERFACES T2 (32W) AND T3 (48W)

FOR SAME HARNESS EXIT CONFIGURATION

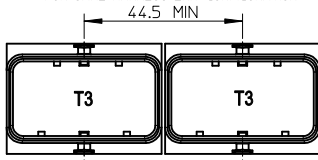


FOR OPPOSITE HARNESS EXIT CONFIGURATION



LAYOUT FOR TWO INTERFACES T3 (48W)

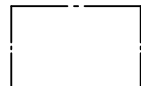
FOR SAME HARNESS EXIT CONFIGURATION



FOR OPPOSITE HARNESS EXIT CONFIGURATION



LEGEND:



FREE VOLUME FOR MANUAL LOCKING AND UNLOCKING
DIMENSIONS GIVEN FOR INFORMATION ONLY TO BE
CONFIRMED BASED UPON VEHICLE CONFIGURATION.

ENTER DESCRIPTION

EC NO: G2010-0220
DRAWN: P. DECELE 2010/05/20
CHKD: J. GIURIATO 2008/10/03
APPR: C. BOUCHAN 2010/06/29

DESCRIPTION

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± 0.10	± 0.004
3 PLACES	± 0.15	± 0.006
2 PLACES	± 0.20	± 0.008
1 PLACE	± 0.30	± 0.012
ANGULAR	± 2 °	

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE MM ONLY

DRAWN BY	DATE
G. DESBRUERES	2008/10/02
CHECKED BY	DATE
J. GIURIATO	2008/10/03
APPROVED BY	DATE
O. PLESSIS	2008/10/06
MATERIAL NO.	
N/A	

SCALE 1:1 DESIGN UNITS METRIC FIRST ANGLE PROJECTION

TITLE
INTERFACES FOR CONNECTOR
32 & 48 CKT CMC
GENERIC SALES DRAWING

MOLEX INCORPORATED

DOCUMENT NO. SD-98644-006 SHEET NO. 3 OF 3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION