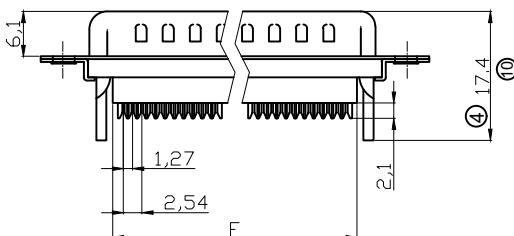
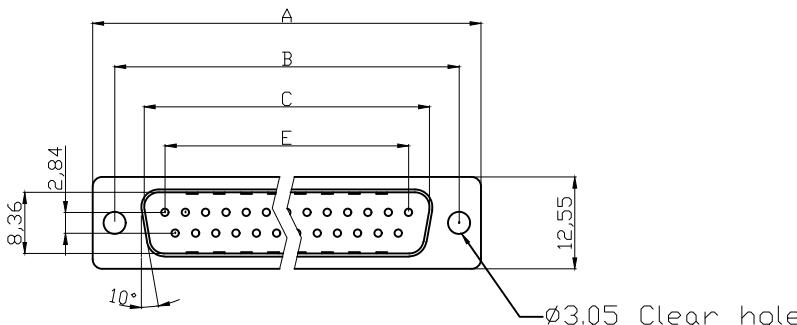
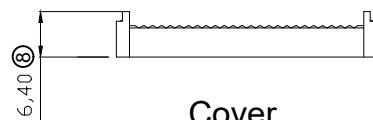
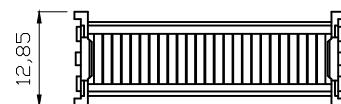
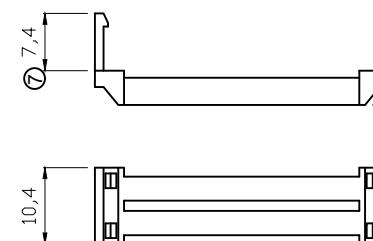


MaleWithout Insulator SupportCoverStrain Relief

Dimensions

Positions	A	B	C	E	F
9	30.81	24.99	16.92	11.08	13.10
15	39.20	33.30	25.25	19.39	20.70
25	53.04	47.04	38.96	33.24	33.68
37	69.40	63.50	55.42	49.86	50.30

RoHS compliant

Unit:mm



Scale Free ① Add P/N and sheet 3~6

TOLERANCE ⑩ Update the tolerance of DIM 17.1&17.4

X. ±0.38

X.X. ±0.25

X.XX. ±0.13

DIM TOL

X.° ±3°

X.X° ±1.0°

Angle TOL

Id. Modification

Date

Name

Customer-No.

ASSMANN WSW-No.

⑪ A-DxF xx LPIII/Z

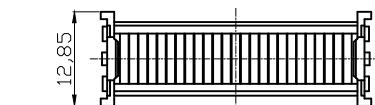
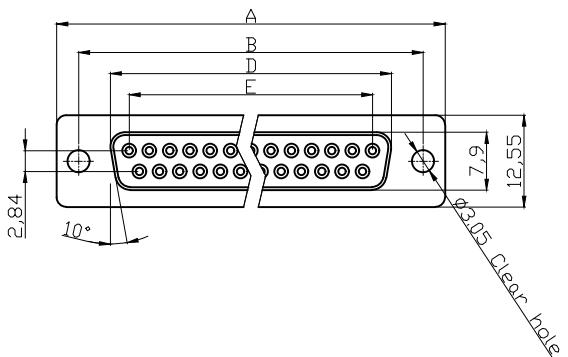
Drawing-No.

ASS 4891 CO

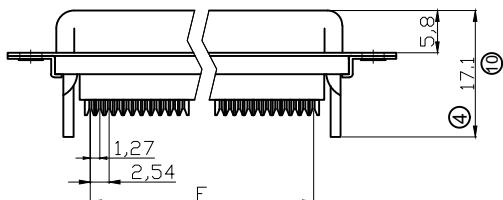
rev11

Replace

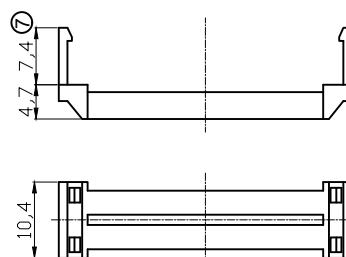
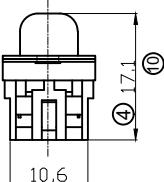
Sheet 1/6

Female

Cover



Without Insulator Support



Strain Relief

NOTES:MATERIAL

1. Insulator Material: Glass-Filled Thermoplastic PBT, UL 94V-0
2. Contact Material: Copper alloy
3. Shell: SPC
4. Plating: Selective Gold Flash

ELECTRICAL

1. Current Rating: 3 AMP
2. Voltage Rating: 250 V AC/rms 60 Hz
3. Contact Resistance: 20mΩ max at 1 AMP DC
4. Insulation Resistance: 1000MΩ at 500 VDC
5. Withstand Voltage: 1000V AC/rms 60Hz for 1 minute
6. Wire Spec: 26 AWG~28 AWG
7. Operating temperature: -55°C~105°C
- ② UL E No #E198287
- ⑤

⑪ Order Code:

A-DxF xx LPIII/Z-x

Contact style:
F - Female
S - MaleFlange mounting option
Blank - Ø3.05 clear hole
UNC - #4-40UNC
M3 - M3 threadNo. of Contacts
09 / 15 / 25 / 37

Standard: Quality class III

Dimensions Positions	A	B	D	E	F
9	30.81	24.99	16.33	11.08	10.16
15	39.20	33.30	24.70	19.39	17.78
25	53.05	47.04	38.40	33.24	30.48
37	69.40	63.50	54.80	49.86	45.72

RoHS compliant

Unit:mm



⑨ E198287

Scale	Free	⑪ Add P/N and sheet 3~6	29.04.2022	Daniel		Date	Name
		⑩ Update the tolerance of DIM 17.1&17.4	25.05.2021	Daniel	Drawn	15.08.2012	Lucas
X.	±0.38	⑨ Add UL logo	27.02.2020	Winnie	Approved	29.04.2022	Daniel
X.X	±0.25	⑧ Update the dimension	27.02.2015	Winnie			
X.XX	±0.13	⑦ Update the dimension &shape of cover	09.07.2014	Winnie			
DIM	TOL	⑥ Update the operating temperature	05.06.2014	Winnie			
X.°	±3°						
X.X°	±1.0°						
Angle	TOL	Id. Modification	Date	Name			

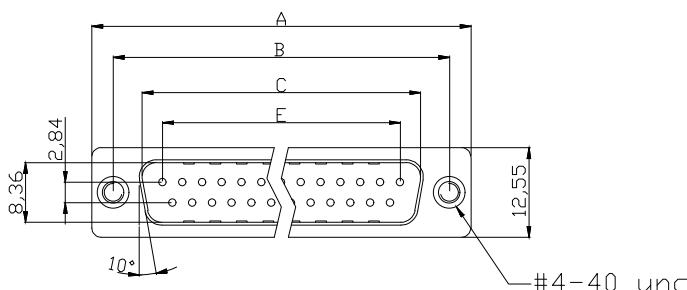
ASSMANN
components

Customer-No.
⑪ A-DxF xx LPIII/Z

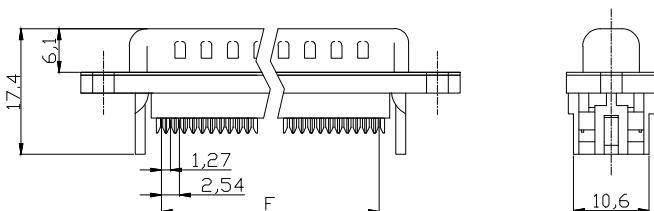
Drawing-No.
ASS 4891 CO rev11

Replace
Sheet
2/6

A Male



B



C

D

E

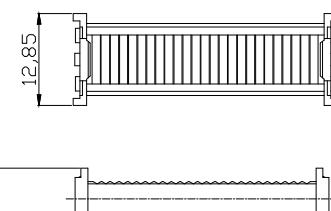
F

RoHS compliant

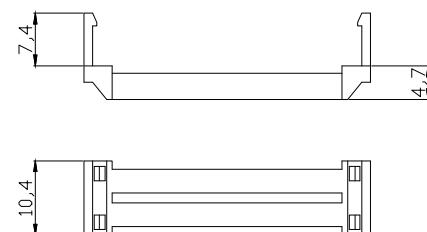
Unit:mm



⑨ E198287



Cover



Strain Relief

Dimensions

Positions	A	B	C	E	F
9	30.81	24.99	16.92	11.08	13.10
15	39.20	33.30	25.25	19.39	20.70
25	53.04	47.04	38.96	33.24	33.68
37	69.40	63.50	55.42	49.86	50.30

Product Specification

Material

Insulator : Glass-Filled Thermoplastic PBT, UL94V-0,Black
Contact : Copper alloy, plating gold flash selective gold
Shell : Steel, 100u" Tin Over 50u" min Copper
Clinch Nut : Brass, Nickel plated

Electrical

Contact Resistance : 20 milliohms Max at 1 AMP DC.
Insulation Resistance : 1000 megohms at 500 VDC
Dielectric Withstanding Voltage : 1000 VAC/rms 60Hz for 1 minute
Current Rating : 3 AMP
Voltage Rating : 250 VAC/rms 60Hz
Wire Spec : 26 AWG-28 AWG
Operating Temperature: -55°C~+105°C
UL E No #E198287

⑪ Order Code:

A-DxF xx LPIII/Z-x

Contact style:
F - Female
S - Male

No. of Contacts
09 / 15 / 25 / 37
Standard: Quality class III

Flange mounting option
Blank - Ø3.05 clear hole
UNC - #4-40UNC
M3 - M3 thread

A

B

C

D

E

F

G

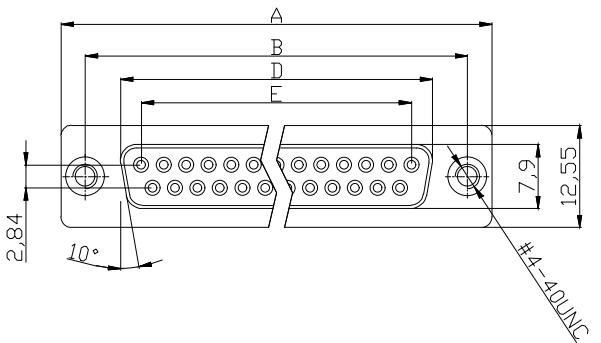
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Scale	Free	① Add P/N and sheet 3~6	29.04.2022	Daniel		Date	Name	Customer-No.
TOLERANCE		⑩ Update the tolerance of DIM 17.1&17.4	25.05.2021	Daniel	Drawn	15.08.2012	Lucas	
X.	±0.38	⑨ Add UL logo	27.02.2020	Winnie	Approved	29.04.2022	Daniel	ASSMANN WSW-No.
X.X	±0.25	⑧ Update the dimension	27.02.2015	Winnie				⑪ A-DxF xx LPIII/Z-UNC
X.XX	±0.13	⑦ Update the dimension &shape of cover	09.07.2014	Winnie				Drawing-No.
DIM	TOL	⑥ Update the operating temperature	05.06.2014	Winnie				ASS 4891 CO rev11
X.°	±3°							
X.X°	±1.0°							Replace
Angle	TOL	Id.	Modification	Date	Name			Sheet 3/6

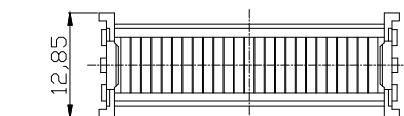
A

Female

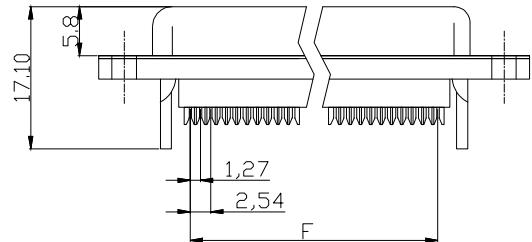
B



C

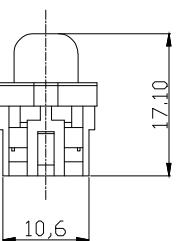


D



With Insulator Support

E



Cover

Strain Relief

NOTES:MATERIAL

1. Insulator Material: Glass-Filled Thermoplastic PBT, UL 94V-0
2. Contact Material: Copper alloy, Gold Flash selective gold
3. Shell :SPCC
4. Clinch Nut :Brass, Nickel plated
5. Screwlock :Brass, Nickel plated

ELECTRICAL

1. Current Rating : 3 AMP
2. Voltage Rating : 250 V AC/rms 60 Hz
3. Contact Resistance: 20mΩ max at 1 AMP DC
4. Insulation Resistance: 1000MΩ at 500 VDC
5. Withstand Voltage : 1000V AC/rms 60Hz for 1 minute
6. Wire Spec : 26 AWG~28 AWG
7. Operating temperature:-55°C+105°C

UL E No #E198287

① Order Code:

A-DxF xx LPIII/Z-x

Contact style:
F - Female
S - MaleNo. of Contacts
09 / 15 / 25 / 37

Standard: Quality class III

Flange mounting option
Blank - Ø3.05 clear hole
UNC - #4-40UNC
M3 - M3 threadDimensions

Positions	A	B	D	E	F
9	30.81	24.99	16.33	11.08	10.16
15	39.20	33.30	24.70	19.39	17.78
25	53.05	47.04	38.40	33.24	30.48
37	69.40	63.50	54.80	49.86	45.72

RoHS compliant

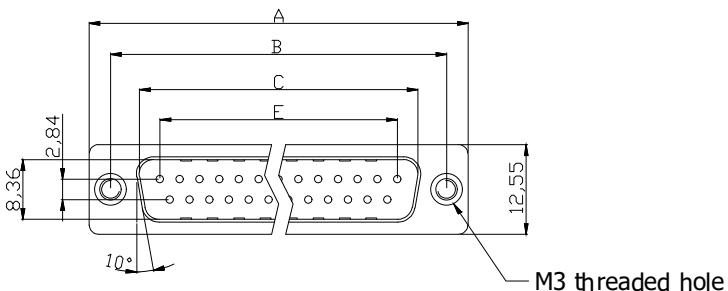
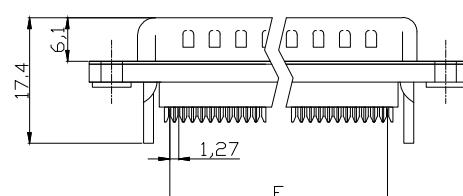
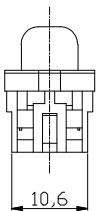
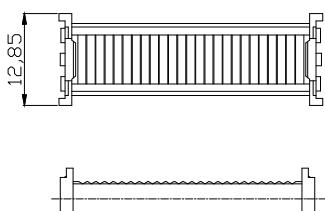
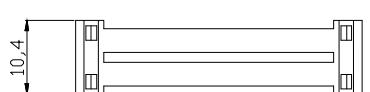
Unit:mm



E198287

Scale	Free	① Add P/N and sheet 3~6	Date	Name	Customer-No.
TOLERANCE		⑩ Update the tolerance of DIM 17.1&17.4	25.05.2021	Daniel	
X.	±0.38	⑨ Add UL logo	27.02.2020	Drawn	15.08.2012
X.X	±0.25	⑧ Update the dimension	27.02.2015	Lucas	
X.XX	±0.13	⑦ Update the dimension &shape of cover	09.07.2014	Winnie	
DIM	TOL	⑥ Update the operating temperature	05.06.2014	Winnie	ASSMANN WSW-No. ① A-DxF xx LPIII/Z-UNC
X.°	±3°	⑤ Id.	Modification	Date	Drawing-No.
X.X°	±1.0°			Name	ASS 4891 CO rev11
Angle	TOL				Replace

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components

A Male**B****C****D****E**With Insulator SupportCover**F****Dimensions**

Positions	A	B	C	E	F
9	30.81	24.99	16.92	11.08	13.10
15	39.20	33.30	25.25	19.39	20.70
25	53.04	47.04	38.96	33.24	33.68
37	69.40	63.50	55.42	49.86	50.30

RoHS compliant

Unit:mm



Product Specification

Material

Insulator : Glass-Filled Thermoplastic PBT, UL94V-0,Black
 Contact : Copper alloy, plating gold flash selective gold
 Shell : Steel, 100u" Tin Over 50u" min Copper

Electrical

Contact Resistance : 20 milliohms Max at 1 AMP DC.
 Insulation Resistance : 1000 megohms at 500 VDC
 Dielectric Withstanding Voltage : 1000 VAC/rms 60Hz for 1 minute
 Current Rating : 3 AMP
 Voltage Rating : 250 VAC/rms 60Hz
 Wire Spec : 26 AWG~28 AWG
 Operating Temperature: -55°C~+105°C

UL E No #E198287

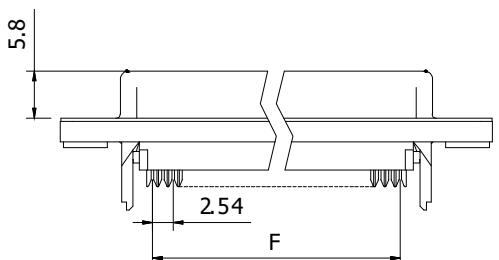
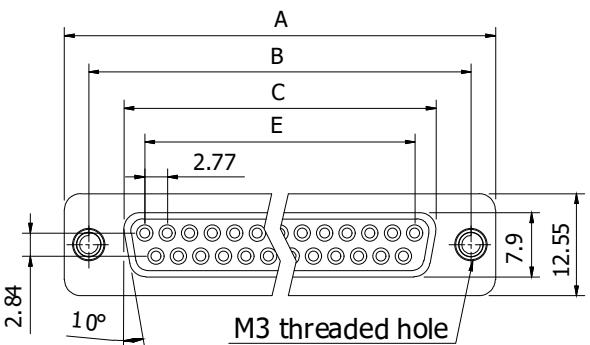
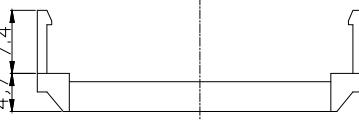
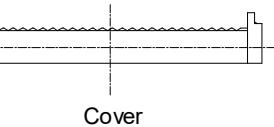
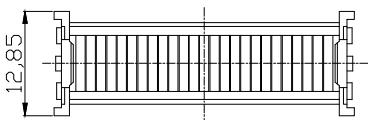
⑪ Order Code:
 A-DxF xx LPIII/Z-x
 Contact style:
 F - Female
 S - Male
 No. of Contacts
 09 / 15 / 25 / 37
 Standard: Quality class III

Flange mounting option
 Blank - Ø3.05 clear hole
 UNC - #4-40UNC
 M3 - M3 thread

A**B****C****D****E****F****G****H**

Scale	Free	① Add P/N and sheet 3~6	29.04.2022	Daniel		Date	Name	Customer-No.
TOLERANCE		⑩ Update the tolerance of DIM 17.1&17.4	25.05.2021	Daniel	Drawn	15.08.2012	Lucas	
X.	±0.38	⑨ Add UL logo	27.02.2020	Winnie	Approved	29.04.2022	Daniel	ASSMANN WSW-No.
X.X	±0.25	⑧ Update the dimension	27.02.2015	Winnie				⑪ A-DxF xx LPIII/Z-M3
X.XX	±0.13	⑦ Update the dimension &shape of cover	09.07.2014	Winnie				Drawing-No.
DIM	TOL	⑥ Update the operating temperature	05.06.2014	Winnie				ASS 4891 CO rev11
X.°	±3°							
X.X°	±1.0°							Replace
Angle	TOL	Id.	Modification	Date	Name			Sheet 5/6

A

FemaleWith Insulator SupportNOTES:MATERIAL

1. Insulator Material: Glass-Filled Thermoplastic PBT, UL 94V-0
2. Contact Material: Copper alloy, Gold Flash selective gold
3. Shell: SPCC

ELECTRICAL

1. Current Rating: 3 AMP
2. Voltage Rating: 250 V AC/rms 60 Hz
3. Contact Resistance: 20mΩ max at 1 AMP DC
4. Insulation Resistance: 1000MΩ at 500 VDC
5. Withstand Voltage: 1000V AC/rms 60Hz for 1 minute
6. Wire Spec: 26 AWG~28 AWG
7. Operating temperature: -55°C+105°C

UL E No #E198287

⑪ Order Code:
A-DxF xx LPIII/Z-x

Contact style: F - Female
S - Male
No. of Contacts 09 / 15 / 25 / 37
Standard: Quality class III

Flange mounting option
Blank - Ø3.05 clear hole
UNC - #4-40UNC
M3 - M3 thread

B

C

D

E

F

RoHS compliant

Unit:mm



⑨ E198287

Dimensions

Positions	A	B	D	E	F
9	30.81	24.99	16.33	11.08	10.16
15	39.20	33.30	24.70	19.39	17.78
25	53.05	47.04	38.40	33.24	30.48
37	69.40	63.50	54.80	49.86	45.72

Scale	Free	① Add P/N and sheet 3~6	29.04.2022	Daniel		Date	Name	Customer-No.
TOLERANCE		⑩ Update the tolerance of DIM 17.1&17.4	25.05.2021	Daniel	Drawn	15.08.2012	Lucas	
X.	±0.38	⑨ Add UL logo	27.02.2020	Winnie	Approved	29.04.2022	Daniel	ASSMANN WSW-No.
X.X	±0.25	⑧ Update the dimension	27.02.2015	Winnie				⑪ A-DxF xx LPIII/Z-M3
X.XX	±0.13	⑦ Update the dimension &shape of cover	09.07.2014	Winnie				Drawing-No.
DIM	TOL	⑥ Update the operating temperature	05.06.2014	Winnie				ASS 4891 CO rev11
X.°	±3°							
X.X°	±1.0°							Replace
Angle	TOL	Id.	Modification	Date	Name			Sheet 6/6

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components