

1

2

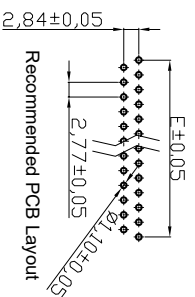
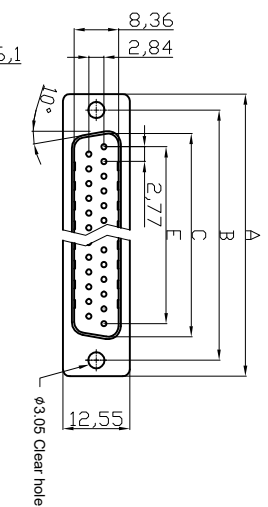
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Male**NOTES:****MATERIAL**

1. Insulator Material: Glass-filled thermoplastic PBT, UL94V-0, Gray
2. Contact Material: Brass or Phosphor Bronze
3. Shell : Steel, 100 μ" Tin Over 50μ" min Copper
4. Clinch Nut : Brass, Nickel Plated
5. Contact plating : Gold flash full gold & selective 15μ"Au ELECTRICAL

1. Current Rating : 3AMP
2. Voltage Rating : 250V AC/rms 60Hz
3. Contact Resistance: 20mΩ
4. Insulation Resistance: 1000MΩ min at 500 VDC
5. Withstand Voltage: 1000V AC/rms 60Hz for 1 minute

ENVIRONMENTAL

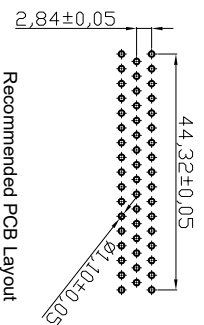
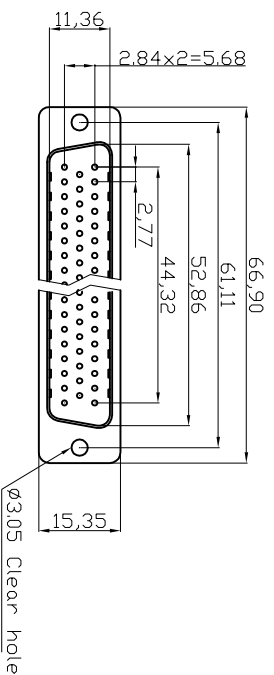
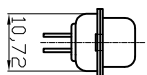
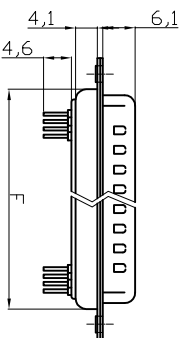
1. Temperature Range: -55°C--+105°C
2. UL No. E198287

5. Order Code:

A-DX xx PP/Z-x

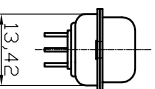
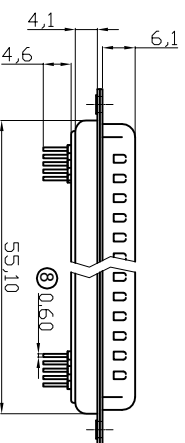
Contact style:
F - Female
S - Male

Empty: Gold flash (quality class III)
2-Selective 15μAu on contact area (quality class II)
09 / 15 / 25 / 37 / 50
Standard: Quality class III

**Dimensions**

Positions	A	B	C	E	F
09	30.81	24.99	16.92	11.08	19.20
15	39.20	33.30	25.25	19.39	27.70
25	53.04	47.04	38.96	33.24	41.10
37	69.40	63.50	55.42	49.86	57.30
50	66.90	61.11	52.86	44.32	55.10

50 Positions

**ROHS compliant**

Unit:mm

Scale Free

TOLERANCE

X. ±0.38

X.X ±0.25

X.XX ±0.13

DIM TOL

X.° ±3°

X.X° ±1.0°

Angle TOL

⑧ Add the dimension

⑦ Update temperature range

⑥ Update

⑤ Add the contact plating 15μ"Au

④ Add the detail contact plating

③ Update the dimension

②

①

Id.

Modification

02.09.2021

11.07.2019

18.12.2018

01.09.2017

23.12.2016

27.02.2015

Peter

Xavier

Xavier

Winnie

Winnie

Winnie

Date

15.08.2012

01.09.2017

Name

Lucas

Winnie

Description: D-Sub connector
Male

ASSMANN WSW-No.

A-DX XX PP/Z-X

Drawing-No.

ASS 4885 CO

rev08

Customer-No.

Sheet
1/2

1

2

3

4

5

6

7

H

G

F

E

D

C

B

A

H

G

F

E

D

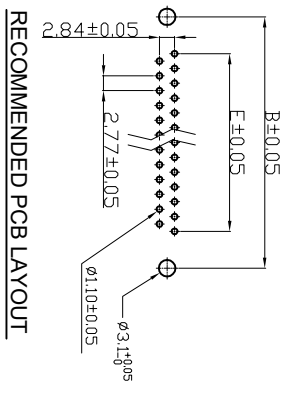
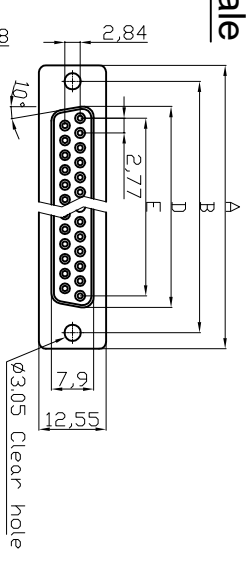
C

B

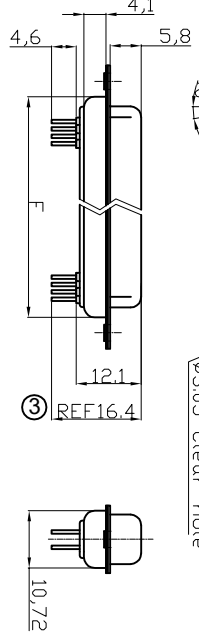
A

1 2 3 4 5 6 7

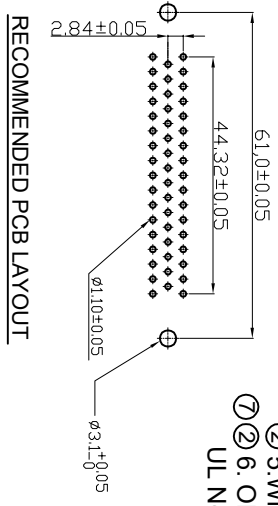
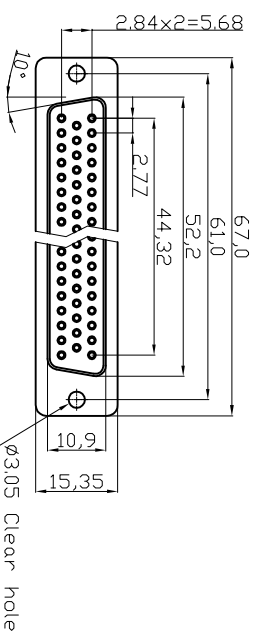
Female



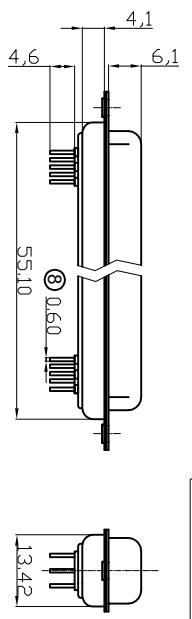
- NOTES:**
- MATERIAL**
1. Insulator Material: Glass-filled thermoplastic PBT, UL94V-0, Gray
 2. Contact Material: Copper alloy
 3. Shell: Steel, 100 µ" Tin Over 50µ" min Copper
 4. Clinch Nut: Brass, Nickel Plated
 5. Contact plating : Gold flash full gold
- ELECTRICAL**
1. Current Rating : 3AMP
 2. Voltage Rating : 250V AC/ms 60Hz
 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. OPERATING TEMPERATURE: -55°C+105°C



- RECOMMENDED PCB LAYOUT**



RECOMMENDED PCB LAYOUT



50 POSITIONS

Positions	A±0.15	B±0.10	D±0.13	E±0.08	F±0.10
09	30.81	24.99	16.33	11.08	19.20
15	39.20	33.30	24.70	19.39	27.70
25	53.05	47.04	38.40	33.24	41.10
37	69.40	63.50	54.80	49.86	57.30
50	67.0	61.0	52.2	44.32	55.10

RoHS compliant

Unit:mm

Scale	Free	⑧	Add the dimension		Date	Name	Description: D-Sub connector Female
TOLERANCE		⑦	Update temperature range		11.07.2019	Xavier	Drawn
X.	±0.38	⑥	Update		18.12.2018	Xavier	Approved
X.X	±0.25	⑤	Add the contact plating 150µAu		01.09.2017	Winnie	ASSMANN WSW-No. A-DX XX PP/Z-X
X.XX	±0.13	④	Add the detail contact plating		23.12.2016	Winnie	Drawing-No.
DIM	TOL	③	Update the dimension		27.02.2015	Winnie	ASS 4885 CO
X.°	±3°	Id	Modification		Date	Name	Customer-No.
X.X°	±1.0°	Angle	TOL				Sheet 2/2



1 2 3 4 5 6 7

H G F E D C B A