

PC BOARD LAYOUT

- Note:**
- 1. Material:
    - 1.1 Insulator: High temperature thermoplastic with g.f, UL94v-0
    - 1.2 Contact: Copper alloy, t=0.20mm
    - 1.3 Shell: Spcc, t=0.30mm
  - 2. Specification:
    - 2.1 Current rating: 1 A Max.
    - 2.2 Dielectric withstanding voltage: 750 V(ac) for 1 min.
    - 2.3 Contact resistance: 30 mW Max.
    - 2.4 Insulation resistance: 1000 MW Min.
    - 2.5 Total mating force: 7.0 Kgf Max.
    - 2.6 Total unmating force: 1.5 Kgf Min.
    - 2.7 Temperature range: -55°C~85°C

8	Hex Screw	2	Brass	H5*10	80~120u" Tin Plated
7	Boardlock NUT	2	Brass	H4.75*11.5	80~120u" Nickel Plated
6	8.0 Nut	2	Brass	H4.75*8.0	80~120u" Nickel Plated
5	3B Nut	2	Brass	H4.75*4.75	80~120u" Nickel Plated
4	Back-shell	1	Cold Rolled Steel	T=0.40mm	Cu:40u" min. 80~120u" Tin Plated
3	Front-shell	1	Cold Rolled Steel	T=0.40mm	Cu:40u" min. 80~120u" Nickel Plated
2	Contact	9	Brass	T=0.20mm	Contact area: 0.8~1.2u" Gold Plated over 40u" Nickel min. Solder area: 80~120u" Tin Plated over 40u" Nickel min.
1	Housing	2	P.B.T	UL 94-V0	Black/Blue/White
No.	Part Name	Q'ty	Material	Remarks & Thickness	Finish

PART NO	A±0.25	B±0.20	C±0.20	D±0.20	E±0.30	F±0.25	G±0.25	H±0.05	I±0.10
DD-SGZxx-09	30.81	24.99	16.33	7.9	16.8		12.55	2.77	2.84
DD-SGZxx-15	39.25	33.32	24.66	7.9	16.8		12.55	2.77	2.84
DD-SGZxx-19	44.80	38.86	30.0	7.9	16.8		12.55	2.77	2.84
DD-SGZxx-23	50.30	44.3	35.3	7.9	16.8		12.55	2.77	2.84
DD-SGZxx-25	53.04	47.04	38.38	7.9	16.8		12.55	2.77	2.84
DD-SGZxx-37	69.50	63.50	54.84	7.9	16.8		12.55	2.77	2.84

**All Connectors**

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**RoHS Compliant**

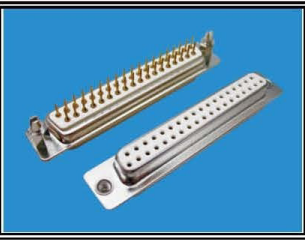
DRAWING BY CY  
CHECKED BY GENIUS

UNIT/ mm SCALE 1:1

DATE  
SIZE A4

TOLERANCES ARE  
X ±  
.X ± 0.30  
.XX ± 0.20  
.XXX ± 0.10  
ANG ±

PJECTION



**ORDER INFORMATION**

DD-SGZxx-xx-LF

SERIES: DD-SGZxx-xx-LF  
FEMALE: FEMALE  
CLIP: CLIP  
GOLD: GOLD  
LEADFREE: LEADFREE  
09~37WAY: 09~37WAY  
BLANK: WHITE  
BK: BLACK  
BL: BLUE

**DESCRIPTION: D-SUB P.C.B FEMALE ( 鈎魚叉 )**