



RECOMMENDED P.C.B LAYOUT
INSPECTION DIMENSION:(A)~(G)

SPECIFICATIONS

1. D-SUB
- 1.1 Voltage: 250 VAC(RMS) Max.
- 1.2 Current Rating: 3 Ampere per Contact
- 1.3 Contact Resistance: 25 Milliohms Max.
- 1.4 Insulation Resistance: 5000 Megohms Min.
- 1.5 Dielectric Withstanding Voltage: 1000V AC(RMS)
- 1.6 Total Mating Force: 4.0 Kgf Max.
- 1.7 Total Unmating Force: 1.0 Kgf Min.
- 1.8 Operating Temperature: -55°C to +85°C



NOTES

1. MATERIAL:
Housing:PBT, UL 94V-0, Color:Black.
Terminal:Copper Alloy.
Shell:SPCC.
Boardlock:Copper Alloy.
Screw:Copper Alloy.
2. FINISH:
Terminal:Gold Plated over Nickel at Contact Area.
Tin Plated over Nickel at Solder Ared.
Shell:Tin Plated.
Boardlock:Tin Plated.
Screw:Nickel Plated.
3. This Product is LEAD-FREE & RoHS Compliance Product.

SERIES NO.	D182XXX XXXXXN0
NUMBER OF POSITION	D1: 09-POSITION D2: 15-POSITION D3: 25-POSITION D4: 37-POSITION D5: 50-POSITION
CONTACT STYLE	S: SOCKET P: PLUG
CONTACT MATERIALS	1: BRASS 2: PHOSPHOR BRONZE
CONTACT FINISH	1: G/F BRIGHT TIN 5: G/F FULL GOLD 6: 30u" FULL GOLD
FRONT SHELL FINISH	1: TIN 2: NICKEL
INSULATOR MATERIALS	1: PBT 3: PAST
COLOR STYLE	1: ALL BLACK 2: ALL BLUE 3: ALL GREEN
FLANGE MOUNTING OPTION	1: #4-40 THREADED HOLE 3: Ø3.05mm CLEAR HOLE 4: #4-40 THREADED SCREWLOCK CLINCHED-MOUNT INSTALLED L: #4-40 THREADED HOLE WITH #4-40UNC SCREWLOCK INSTALLED (4.8x9.5) N: #4-40 THREADED HOLE WITH #4-40UNC SCREWLOCK INSTALLED (5.8x9.5)
BOARD MOUNTING OPTION	0: NONE 1: RIVETED-NUT ON FRONT SHELL(4.00mm) 2: RIVETED-NUT ON BACK SHELL(4.00mm) 3: RIVETED-NUT ON FRONT SHELL(5.80mm) 4: RIVETED-NUT ON BACK SHELL(5.80mm) A: RIVETED-NUT BOARDLOCK(6.00mm)

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A0		An issue.		2011.08.05			
REV.		CONTENTS		DATE		Title: <u>D182 SERIES</u> D-SUB CONNECTOR STRAIGHT DIP MOUNT	
 <small>UNLESS OTHERWISE SPECIFIED TOLERANCE mm:</small> 0.05 = ±0.25 0.000 = ±0.13 Ang: 0.0 = ±2°		Drawn	Shao Jianfeng				
		Designed	He Wei				
		Approval	Lee Jun De				
		Scale	1:1	Size	A4	File NO.	C-ED-B-D182-047
		SHEET	1	Units	mm	Drawing NO.	D182DIP1XIAN1N0

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D-SUB CONNECTOR STRAIGHT DIP MOUNT