



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.



D182XXX XXXXXXXXN0		
SERIES NO.		N: IT'S COMPLIANT WITH RoHS
NUMBER OF POSITION		INSULATOR MATERIALS
D1: 09-POSITION		1: PBT
D2: 15-POSITION		3: PBT
D3: 25-POSITION		COLOR STYLE
D4: 37-POSITION		1: ALL BLACK
D5: 50-POSITION		2: ALL BLUE
		3: ALL GREEN
CONTACT STYLE		FLANGE MOUNTING OPTION
S: SOCKET		1: #4-40 THREADED HOLE
P: PLUG		3: Ø3.05mm CLEAR HOLE
CONTACT MATERIALS		4: #4-40 THREADED SCREWLOCK
1: BRASS		CLINCHED-MOUNT INSTALLED
2: PHOSPHOR BRONZE		L: #4-40 THREADED HOLE WITH #4-40UNC
CONTACT FINISH		SCREWLOCK INSTALLED (4.8x9.5)
1: G/F BRIGHT TIN		N: #4-40 THREADED HOLE WITH #4-40UNC
5: G/F FULL GOLD		SCREWLOCK INSTALLED (5.8x9.5)
6: 30µ FULL GOLD		
FRONT SHELL FINISH		BOARD MOUNTING OPTION
1: TIN		0: NONE
2: NICKEL		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)

A0		An issue.		2011.08.05	
REV.		CONTENTS		DATE	
 UNLESS OTHERWISE SPECIFIED TOLERANCE mm: 00 = ±0.25 000 = ±0.13 Ang: 0.0 = ±2°	Drawn	Shao Jianfeng		FEN YING® ENTERPRISES CO.,LTD Title: <u>D182 SERIES</u> D-SUB CONNECTOR STRAIGHT DIP MOUNT	
	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.	D182DIP1X1AN1I1N0