



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

**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:PA9T, UL 94V-0, Color:Black.  
Terminal:Copper Alloy.  
Shell:SPCC.  
Boardlock:Copper Alloy.  
Rivet:Copper Alloy.
2. FINISH:  
Terminal:Gold Plated over Nickel at Contact Area.  
Tin Plated over Nickel at Solder Ared.  
Shell:Nickel Plated.  
Boardlock:Tin Plated.  
Rivet:Nickel Plated.
3. This Product is RoHS Compliance Product.



- D102XXX 1XXXXXXN0**
- SERIES NO. D102XXX 1XXXXXXN0
  - NUMBER OF POSITION
    - D1: 09-POSITION
    - D2: 15-POSITION
    - D3: 25-POSITION
    - D4: 37-POSITION
  - CONTACT STYLE
    - S: SOCKET
    - P: PLUG
  - CONTACT MATERIALS
    - 1: BRASS
  - CONTACT FINISH
    - 1: G/F BRIGHT TIN
    - 3: 15u" GOLD BRIGHT TIN
    - 4: 30u" GOLD BRIGHT TIN
    - 5: G/F FULL GOLD
  - FRONT SHELL FINISH
    - 1: TIN
    - 2: NICKEL
  - BOARD MOUNTING OPTION
    - 0: NONE
    - 1: #4-40 THREADED HOLE
    - 2: 2-FINGER BOARDLOCK
    - 4: 4-FINGER BOARDLOCK
    - 5: Ø3.05mm CLEAR HOLE
  - INSULATOR MATERIALS
    - 1: PBT
    - 3: PA9T
  - COLOR STYLE
    - 1: ALL BLACK
    - 2: ALL BLUE
    - 3: ALL GREEN
  - FLANGE MOUNTING OPTION
    - 1: #4-40 THREADED HOLE
    - 2: M3 THREADED HOLE
    - 3: Ø3.05mm CLEAR HOLE
    - 4: #4-40 THREADED SCREWLOCK
    - CLINCHED-MOUNT INSTALLED
    - A: #4-40 THREADED HOLE WITH #4-40UNC SCREWLOCK INSTALLED (4.8x11.8)
    - B: #4-40 THREADED HOLE WITH #4-40UNC SCREWLOCK BULK-PACKED (4.8x11.8)
    - C: M3 THREADED HOLE WITH M3 SCREWLOCK INSTALLED (4.8x11.8)
    - D: M3 THREADED HOLE WITH M3 SCREWLOCK BULK-PACKED (4.8x11.8)
    - E: #4-40 THREADED HOLE WITH #4-40UNC SCREWLOCK INSTALLED (5.8x13.0)
    - F: #4-40 THREADED HOLE WITH #4-40UNC SCREWLOCK BULK-PACKED (5.8x13.0)
    - G: M3 THREADED HOLE WITH M3 SCREWLOCK INSTALLED (5.8x13.0)
    - H: M3 THREADED HOLE WITH M3 SCREWLOCK BULK-PACKED (5.8x13.0)
  - N: IT'S COMPLIANT WITH RoHS

				<b>FEN YING®</b>		
				<b>ENTERPRISES CO.,LTD</b>		
A0	An issue.	2010.12.22		Title: <u>D102 SERIES</u>		
REV.	CONTENTS	DATE				
	Drawn	Shao Jianfeng		D-SUB 0.59"(14.84mm) FOOTPRINT, RIGHT ANGLE		
	Designed	He Wei				
	Approval	Lee Jun De				
UNLESS OTHERWISE SPECIFIED TOLERANCE mm:	Scale	1:1	Size	A4	File NO.	C-ED-B-D102-014
00 = ±0.25	SHEET	1	Units	mm	Drawing NO.	D102D1P1X22113N0
000 = ±0.13						
Ang: 0.0 = ±2°						