

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

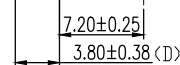
**NOTES**

1. MATERIAL:
  - Housing:PBT, 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 Area.
  - Shell:Nickel Plated.
  - Boardlock:Tin Plated.
  - Rivet:Nickel Plated.
3. This Product is LEAD-FREE & RoHS Compliance Product.



D123XXX 1XXXXXXNO

- SERIES NO. N: IT'S COMPLIANT WITH RoHS
- 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
  - 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
  - O: NONE
  - 1: #4-40 THREADED HOLE
  - 2: 2-FINGER BOARDLOCK
  - 3: 3-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 (4.8)
  - 5: #4-40 THREADED SCREWLOCK CLINCHED-MOUNT INSTALLED (5.8)
  - 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)



AO		An issue.		2015.05.15		<b>FEN YING</b> <sup>®</sup> ENTERPRISES CO.,LTD	
REV.		CONTENTS		DATE			
UNLESS OTHERWISE SPECIFIED TOLERANCE mm: .00 = ±0.25 .000 = ±0.13 Ang: 0.0 = ±2°		Drawn		Shao Jianfeng		Title: <u>D123 SERIES</u> D-SUB 0.406"(10.30mm) FOOTPRINT, RIGHT ANGLE	
		Designed		He Wei			
		Approval		Lee Jun De			
Scale		1:1		Size		A4	
SHEET		1		Units		mm	
File NO.		C-ED-B-D123-076		Drawing NO.		D123D1S1X2221IN0	