



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: 1000 VAC(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 LEAD-FREE & RoHS Compliance Product.

SERIES NO.	D103XXX 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 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 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)

A0	An issue.	2012.05.30
REV.	CONTENTS	DATE
	Drawn	Shao Jianfeng
	Designed	He Wei
	Approval	Lee Jun De
Scale	1:1	Size
SHEET	1	Units

**FEN YING®**  
ENTERPRISES CO.,LTD

Title: D103 SERIES

D-SUB 0.59"(14.84mm) FOOTPRING(MIDDLE PROFILE),  
RIGHT ANGLE

File NO. C-ED-B-D103-049  
Drawing NO. D103D1P1X22113N0