



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 Area.
Shell:Nickel Plated.
Boardlock:Tin Plated.
Rivet:Nickel Plated.
3. This Product is LEAD-FREE & RoHS Compliance Product.



- D103XXX 1XXXXXXN0**
- SERIES NO. _____
 - NUMBER OF POSITION _____
 - CONTACT STYLE _____
 - CONTACT MATERIALS _____
 - CONTACT FINISH _____
 - FRONT SHELL FINISH _____
 - BOARD MOUNTING OPTION _____
- N: IT'S COMPLIANT WITH RoHS
 - 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
 - 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)

				FEN YING®		ENTERPRISES CO.,LTD	
A0	An issue.	2012.05.30		Title: <u>D103 SERIES</u>			
REV.	CONTENTS	DATE		D-SUB 0.59"(14.84mm) FOOTPRINT(MIDDLE PROFILE), RIGHT ANGLE			
 UNLESS OTHERWISE SPECIFIED TOLERANCE mm: .00 = ±0.25 .000 = ±0.13 Ang: 0.0 = ±2	Drawn	Shao Jianfeng		File NO. C-ED-B-D103-049			
	Designed	He Wei		Drawing NO. D103D1P1X22113N0			
	Approval	Lee Jun De					
Scale	1:1	Size	A4				
SHEET	1	Units	mm				