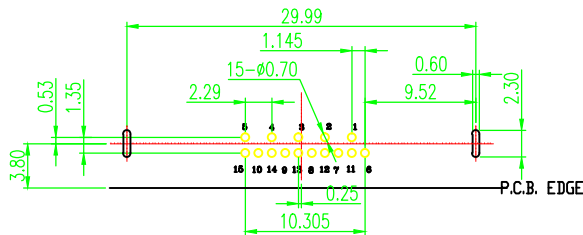


SEC:A-A

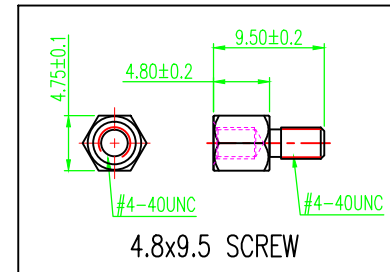


RECOMMENDED P.C.B. LAYOUT
P.C.B. THICKNESS=1.20mm

INSPECTION DIMENSION:(A)~(J)

SPECIFICATIONS

- 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: 1000 Megohms Min.
- 1.5 Dielectric Withstanding Voltage: 500 VAC(RMS)
- 1.6 Total Mating Force: 6.0 Kgf Max.
- 1.7 Total Unmating Force: 1.2 Kgf Min.
- 1.8 Operating Temperature: -55°C to +85°C



4.8x9.5 SCREW

NOTES

- MATERIAL:
Housing:PA9T, UL 94V-0, Color:Black.
Terminal:Copper Alloy.
Shell:SPCC.
Boardlock:Copper Alloy.
Screw:Copper Alloy.
- FINISH:
Terminal:Gold Plated over Nickel at Contact Area.
Tin Plated over Nickel at Solder Area.
Shell:Nickel Plated.
Boardlock:Tin Plated.
Screw:Nickel Plated.
- This Product is LEAD-FREE & RoHS Compliance Product.



SERIES NO.	SN31XXX	1XXXXXXN0
NUMBER OF POSITION	H1: 15-POSITION HI-DEN	N: IT'S COMPLIANT WITH RoHS
CONTACT STYLE	S: SOCKET	INSULATOR MATERIALS
CONTACT MATERIALS	1: BRASS	1: PBT
CONTACT FINISH	1: G/F BRIGHT TIN	3: PA9T
FRONT SHELL FINISH	1: TIN	COLOR STYLE
	2: NICKEL	1: ALL BLACK
		2: ALL BLUE
		FLANGE MOUNTING OPTION
		1: #4-40 THREADED HOLE
		L: #4-40 THREADED HOLE WITH #4-40UNC
		SCREWLOCK INSTALLED (4.8x9.5)
		M: #4-40 THREADED HOLE WITH #4-40UNC
		SCREWLOCK BULK-PACKED (4.8x9.5)
		N: #4-40 THREADED HOLE WITH #4-40UNC
		SCREWLOCK INSTALLED (5.8x9.5)
		BOARD MOUNTING OPTION
		6: 2-FINGER BOARDLOCK WITH THREADED HOLE

A2	A2 Change	2013.07.05	FEN YING® ENTERPRISES CO.,LTD	
A1	A1 Change	2013.06.13		
A0	An issue.	2012.12.03		
REV.	CONTENTS	DATE	Title: SN31 SERIES	
 UNLESS OTHERWISE SPECIFIED TOLERANCE mm: .00 = ±0.25 .000 = ±0.13 Ang: 0.0 = ±2°	Drawn	ZMSHENG	D-SUB CONNECTOR SLIM DIP TYPE, RIGHT ANGLE, 3.18mm FOOTPRINT 1.35mm ROW DISTANCE	
	Designed	He Wei		
	Approval	Lee Jun De		
	Scale	1:1	Size	A4
	SHEET	1	Units	mm
			File NO.	C-ED-B-SN31-005
			Drawing NO.	SN31H1S1X26M13N0