

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

## 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: 1000 Megohms Min.
- 1.5 Dielectric Withstanding Voltage: 500V 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:LCP, UL 94V-0, Color:Black.  
Terminal:Copper Alloy.  
Shell:SPCC.  
Boardlock:Copper Alloy.  
Nut:Zinc Alloy.  
Screw: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.  
Nut:Nickel Plated.  
Screw:Nickel Plated.
3. This Product is LEAD-FREE & HALOGEN-FREE Compliance Product.



SERIES NO.	SN50XXX	1XXXXXXXXXN0
NUMBER OF POSITION	69: SHORT #9 OF 15-POS. HI-DEN H1: 15-POS. HI-DEN D1: 09-POSITION	N: IT'S COMPLIANT WITH RoHS
CONTACT STYLE	S: SOCKET	INSULATOR MATERIALS 1: PBT 3: PA6T
CONTACT MATERIALS	1: BRASS	COLOR STYLE 1: ALL BLACK 2: ALL BLUE
CONTACT FINISH	7: G/F MATTE TIN 8: 15u" GOLD MATTE TIN 9: 30u" GOLD MATTE TIN	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)
FRONT SHELL FINISH	1: TIN 2: NICKEL	BOARD MOUNTING OPTION 2: 2-FINGER BOARDLOCK

			FEN YING®			
A0	An issue.		2016.09.27		ENTERPRISES CO.,LTD	
REV.	CONTENTS		DATE		Title: <u>SN50 SERIES</u>  D-SUB 09 MALE CONNECTOR SLIM DIP TYPE	
 UNLESS OTHERWISE SPECIFIED TOLERANCE mm Ang 0.0 = ±2'	Drawn	Shao Jianfeng				
	Designed	He Wei				
	Approval	Lee Jun De				
	Scale	1:1	Size	A4	File NO.	C-ED-B-SN50-002
	SHEET		Units	mm	Drawing NO.	SN50D1PLX22L12N0