



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

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.  
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.



SERIES NO.	SM10XXX 1XXXXXXXXNO	N: IT'S COMPLIANT WITH RoHS
NUMBER OF POSITION	D1: 09-POSITION D3: 25-POSITION H7: 15-POSITIONS HI-DEN. (FRONT:7 POS, REAR:8 POS)	INSULATOR MATERIALS 1: PBT 2: LCP 3: PA9T
CONTACT STYLE	S: SOCKET P: PLUG	COLOR STYLE 1: ALL BLACK 2: ALL BLUE 3: ALL GREEN
CONTACT MATERIALS	1: BRASS	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)
CONTACT FINISH	1: G/F BRIGHT TIN 3: 15u" GOLD BRIGHT TIN 4: 30u" GOLD BRIGHT TIN	BOARD MOUNTING OPTION 2: 2-FINGER BOARDLOCK 3: 3-FINGER BOARDLOCK
FRONT SHELL FINISH	1: TIN 2: NICKEL	

				<b>FEN YING</b> <sup>®</sup>	
				ENTERPRISES CO.,LTD	
AO	An issue.	2016.11.16		Title: <u>SM10 SERIES</u>	
REV.	CONTENTS	DATE			
 UNLESS OTHERWISE SPECIFIED TOLERANCE mm: .00 = ±0.25 .000 = ±0.13 Ang: 0.0 = ±2°	Drawn	Shao Jianfeng		SLIM D-SUB 9 FEMALE CONNECTOR DIP SOLDER, RIGHT ANGLE	
	Designed	He Wei			
	Approval	Lee Jiun De			
	Scale	1:1	Size	A4	File NO.
SHEET	1	Units	mm	Drawing NO.	SM10D1S1X22112NO