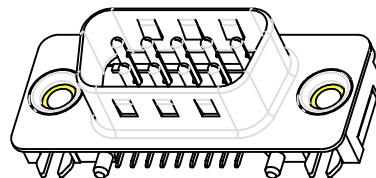


RECOMMENDED P.C.B. LAYOUT  
INSPECTION DIMENSION:(A)~(I)



## 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: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.

SM05XXX 1XXXXXXN0

SERIES NO.

NUMBER OF POSITION

H7: 15-POSITIONS HI-DEN.  
(FRONT:7 POS, REAR:8 POS)  
D1: 09-POSITION

CONTACT STYLE

S: SOCKET

CONTACT MATERIALS

1: BRASS

CONTACT FINISH

1: G/F BRIGHT TIN  
3: 15u" GOLD BRIGHT TIN  
4: 30u" GOLD BRIGHT TIN

FRONT SHELL FINISH

1: TIN  
2: NICKEL

N: IT'S COMPLIANT WITH RoHS

INSULATOR MATERIALS

1: PBT  
3: PA9T

COLOR STYLE


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)

BOARD MOUNTING OPTION

2: 2-FINGER BOARDLOCK

			<b>FEN YING®</b>			
			<b>ENTERPRISES CO.,LTD</b>			
A0	An issue.		2012.01.04			Title: <u>SM05 SERIES</u>  SLIM D-SUB 9 MALE CONNECTOR DIP SOLDER, RIGH ANGLE
REV.	CONTENTS		DATE			
  UNLESS OTHERWISE SPECIFIED TOLERANCE mm: 0.0 = ±0.25 0.00 = ±0.13 Ang: 0.0 = ±2°	Drawed	Shao Jianfeng				
	Designed	He Wei				
	Approval	Lee Jun De				
	Scale	1:1	Size	A4		
	SHEET	1	Units	mm		
File NO.		C-ED-B-SM05-003		Drawing NO.		SM05D1P1X22113N0