



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: 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



NOTES

1. MATERIAL:
Housing:PBT, UL 94V-0, Color:Blue.
Terminal:Copper Alloy.
Shell:SPCC.
Boardlock:Copper Alloy.
Rivet:Copper 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.
Rivet:Nickel Plated.
Screw:Nickel Plated.
3. This Product is LEAD-FREE & RoHS Compliance Product.

SM70XXX 1XXXXXXN0

SERIES NO.

NUMBER OF POSITION

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

H8: 15-POSITIONS HI-DEN.
(FRONT:8 POS, REAR:7 POS)

CONTACT STYLE

R: REVERSED 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
4: PA6T

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
3: 3-FINGER BOARDLOCK

A0		An issue.	2010.06.17
REV.	CONTENTS	DATE	
<p>UNLESS OTHERWISE SPECIFIED TOLERANCE mm: .00 = ±0.25 .000 = ±0.13 Ang: 0.0 = ±2°</p>	Drawn	Shao Jianfeng	
	Designed	He Wei	
	Approval	Lee Jun De	
Scale	1:1	Size	A4
SHEET	1	Units	mm
File NO.		C-ED-B-SM70-006	
Drawing NO.		SM70H7R1X22M21N0	

FEN YING®
ENTERPRISES CO.,LTD

Title: SM70 SERIES

D-SUB 15 FEMALE HIGH DENSITY CONNECTOR
SLIM DIP TYPE(REVERSED)