

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

## SPECIFICATIONS

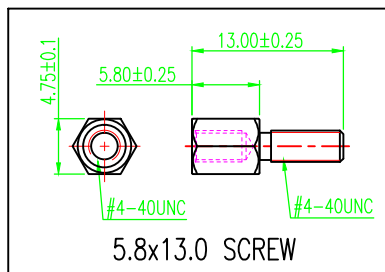
1. D-SUB
- 1.1 Voltage: 250 VAC(RMS) Max.
- 1.2 Current Rating: 3 Ampere per Contact
- 1.3 Contact Resistance: 25 Milliohms Max.
- 1.4 Insulation Resistance: 1000 Megohms Min.
- 1.5 Dielectric Withstanding Voltage: 500 VAC(RMS)
- 1.6 Total Mating Force: 6.0 Kgf Max.
- 1.7 Total Unmating Force: 1.2 Kgf Min.
- 1.8 Operating Temperature: -55°C to +85°C



## NOTES

1. MATERIAL:  
Housing:PA9T, 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.

SERIES NO.	D145XXX	1XXXXXXN0	N: IT'S COMPLIANT WITH RoHS
NUMBER OF POSITION	H1: 15-POSITIONS HI-DEN.	INSULATOR MATERIALS	1: PBT 3: PAST
CONTACT STYLE	S: SOCKET	COLOR STYLE	1: ALL BLACK 2: ALL BLUE
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) B: #4-40 THREADED HOLE WITH #4-40UNC SCREWLOCK BULK-PACKED (4.8x11.8) N: #4-40 THREADED HOLE WITH #4-40UNC SCREWLOCK INSTALLED (5.8x9.5) F: #4-40 THREADED HOLE WITH #4-40UNC SCREWLOCK BULK-PACKED (5.8x13.0)
CONTACT FINISH	1: G/F BRIGHT TIN 3: 15u" GOLD BRIGHT TIN 4: 30u" GOLD BRIGHT TIN 7: G/F MATTE TIN	BOARD MOUNTING OPTION	2: 2-FINGER BOARDLOCK
FRONT SHELL FINISH	1: TIN 2: NICKEL		



A0		An issue.	2012.09.10
REV.	CONTENTS	DATE	
	Drew	Shao Jianfeng	
	Designed	He Wei	
	Approval	Lee Jun De	
Scale	1:1	Size	A4
SHEET	1	Units	mm
UNLESS OTHERWISE SPECIFIED TOLERANCE mm:		File NO.	C-ED-B-D145-005
.00 = ±0.25		Drawing NO.	D145H1S1X22F23N0
.000 = ±0.13			
Ang: 0.0 = ±2°			

**FEN YING®**  
ENTERPRISES CO.,LTD

Title: D145 SERIES  
D-SUB 2.0mm FOOTPRINT SHORT BODY HIGH DENSITY