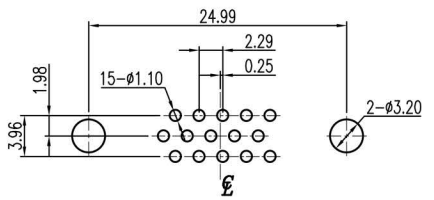
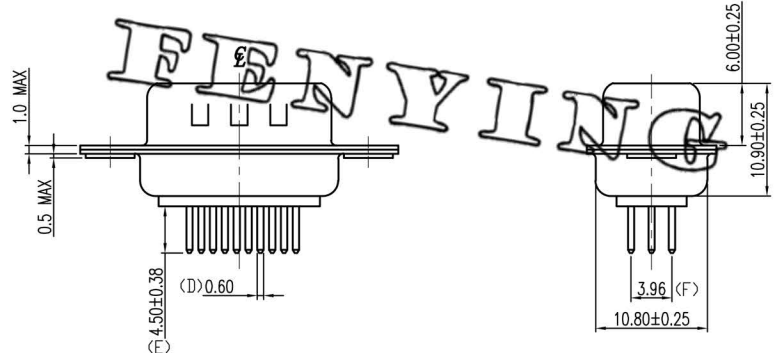
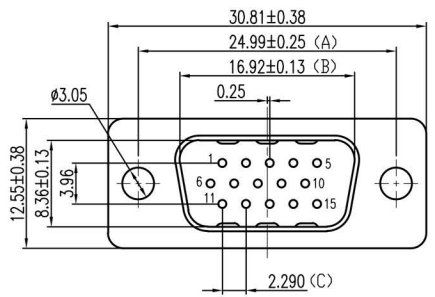


**SPECIFICATIONS**

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: 5000 Megohms Min.
- 1.5 Dielectric Withstanding Voltage: 1000V AC(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:Black.  
Terminal:Copper Alloy.  
Shell:SPCC.
2. FINISH:  
Terminal:Gold Plated over Nickel at Contact Area.  
Tin Plated over Nickel at Solder Area.  
Shell:Tin Plated.
3. This Product is LEAD-FREE & RoHS Compliance Product.



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

**D180XXX 1XXXXXXN0**

SERIES NO. \_\_\_\_\_

NUMBER OF POSITION \_\_\_\_\_

CONTACT STYLE \_\_\_\_\_

CONTACT MATERIALS \_\_\_\_\_

CONTACT FINISH \_\_\_\_\_

FRONT SHELL FINISH \_\_\_\_\_

N: IT'S COMPLIANT WITH RoHS

INSULATOR MATERIALS  
1: PBT  
3: PA6T

COLOR STYLE  
1: ALL BLACK  
2: ALL BLUE

FLANGE MOUNTING OPTION  
1: #4-40 THREADED HOLE  
3: #3.05mm CLEAR HOLE  
L: #4-40 THREADED HOLE WITH #4-40UNC SCREWLOCK INSTALLED (4.8x9.5)

BOARD MOUNTING OPTION  
0: NONE  
1: RIVETED-NUT FRONT SHELL(4.0mm)  
2: RIVETED-NUT BACK SHELL(4.0mm)  
3: RIVETED-NUT FRONT SHELL(5.8mm)  
4: RIVETED-NUT BACK SHELL(5.8mm)  
A: RIVETED-NUT BOARDLOCK(8.0mm)

A0	An issue.	2013.07.10
REV.	CONTENTS	DATE
 UNLESS OTHERWISE SPECIFIED TOLERANCE mm: 00 = ±0.25 000 = ±0.13 Ang: 0.0 = ±2°	Drawn	Shao Jianfeng
	Designed	He Wei
	Approval	Lee Jun De
Scale	1:1	Size A4
SHEET	1	Units mm

**FEN YING®**  
ENTERPRISES CO.,LTD

Title: D180 SERIES  
D-SUB 15 MALE HIGH DENSITY STRAIGHT DIP

File NO. C-ED-B-D180-029  
Drawing NO. D180HIP1X10311N0