

### RECOMMENDED P.C.B. LAYOUT

INSPECTION DIMENSION:(A)~(M)

## SPECIFICATIONS

- 1. D-SUB (15-POS.)
- 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
- 2. D-SUB (9-POS.)
- 2.1 Voltage: 250 VAC(RMS) Max.
- 2.2 Current Rating: 3 Ampere per Contact
- 2.3 Contact Resistance: 25 Milliohms Max.
- 2.4 Insulation Resistance: 5000 Megohms Min.
- 2.5 Dielectric Withstanding Voltage: 1000V AC(RMS)
- 2.6 Total Mating Force: 4.0 Kgf Max.
- 2.7 Total Unmating Force: 1.0 Kgf Min.
- 2.8 Operating Temperature: -55°C to +85°C

## NOTES

1. MATERIAL:  
Housing(UPPER):PBT, UL 94V-0, Color:Black.  
Housing(LOWER):PBT, UL 94V-0, Color:Black.  
Terminal:Copper Alloy.  
Shell:SPCC.  
Boardlock:Copper Alloy.  
Bracket:Zinc 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.  
Bracket:Nickel Plated.  
Screw:Nickel Plated.
3. This Product is LEAD-FREE & RoHS Compliance Product.

D202XXXX 1XXXXXXN0

SERIES NO.

TOP CONNECTOR TYPE

2P: 15-POS. MALE (15P)  
2S: 15-POS. FEMALE (15S)

BOTTOM CONNECTOR TYPE

1P: 9-POS. MALE (9P)  
1S: 9-POS. FEMALE (9S)  
3P: 25-POS. MALE (25P)  
3S: 25-POS. FEMALE (25S)  
7S: 26-POS. HI-DEN FEMALE (H26S)

### SPACING BETWEEN PORTS

TYPE C-C (PROFILE)

A: 15.88 mm(0.625")  
B: 19.05 mm(0.75")

## CONTACT MATERIALS

**1: BRASS**

CONTACT FINISH

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

FRONT SHELL FINISH

1: TIN  
2: NICKEL

└ N: IT'S COMPLIANT WITH RoHS

—INSULATOR MATERIALS

1: PBT  
3: PA9T

## COLOR STYLE

**1: ALL BLACK**


- FLANGE MOUNTING OPTION

1: #4-40 THREADED HOLE  
2: M3 THREADED HOLE  
4: #4-40 THREADED SCREWLOCK  
CLINCHED-MOUNT INSTALLED (4.8)  
A: #4-40 THREADED HOLE WITH #4-40UNC  
SCREWLOCK INSTALLED (4.8x11.8)  
B: #4-40 THREADED HOLE WITH #4-40UNC  
SCREWLOCK BULK-PACKED (4.8x11.8)  
E: #4-40 THREADED HOLE WITH #4-40UNC  
SCREWLOCK INSTALLED (5.8x13.0)

—BOARD MOUNTING OPTION

A: QUAD ARROWHEAD BOARDLOCK (8.08x8.0)



A0		An issue.		2011.03.04	
REV.		CONTENTS		DATE	
 <p>UNLESS OTHERWISE SPECIFIED TOLERANCE</p> <p>mm     ±0.25               ±0.13</p> <p>Ang.     0.0                  0.2</p>		<p>Drawed     Shao Jianfeng</p> <p>Designed    He Wei</p> <p>Approval    Lee Jun De</p>			
		<p>Scale       1:1</p>		<p>Size         A4</p>	
		<p>SHEET     1</p>		<p>Units       mm</p>	

**FEN YING<sup>®</sup>**  
**ENTERPRISES CO.,LTD**

Title:	<b>D202 SERIES</b>
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D-SUB 0.318"(8.08) FOOTPRINT 15 FEMALE/ 09 MALE  
CONNECTOR DUAL PORT

File NO.	
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	C-ED-B-D202-007
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Drawing NO

D2022P1SB1X2AA11N0