



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

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:Blue.
Terminal:Copper Alloy.
Shell:SPCC.
Boardlock:Copper Alloy.
2. FINISH:
Terminal:Gold Plated over Nickel at Contact Area.
Tin Plated over Nickel at Solder Area.
Shell:Nickel Plated.
Boardlock:Tin Plated.
3. This Product is LEAD-FREE & RoHS Compliance Product.



SERIES NO.	D185XXX 1XXXXXXN0	N: IT'S COMPLIANT WITH RoHS
NUMBER OF POSITION	D1: 09-POSITION D3: 25-POSITION H1: 15-POSITION HI-DEN	INSULATOR MATERIALS 1: PBT
CONTACT STYLE	S: SOCKET P: PLUG	COLOR STYLE 1: ALL BLACK 2: ALL BLUE
CONTACT MATERIALS	1: BRASS	FLANGE MOUNTING OPTION 1: #4-40 THREADED HOLE 3: Ø3.05mm CLEAR 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) N: #4-40 THREADED HOLE WITH #4-40UNC SCREWLOCK INSTALLED (5.8x9.5)
CONTACT FINISH	1: G/F BRIGHT TIN 3: 15µ" GOLD BRIGHT TIN 4: 30µ" GOLD BRIGHT TIN 5: G/F FULL GOLD	BOARD MOUNTING OPTION Q: NONE P: RIVETED-NUT BOARDLOCK (SQUARE 3.0 & FOOT 3.5mm) Q: RIVETED-NUT BOARDLOCK (SQUARE 3.0 & FOOT 2.9mm)
FRONT SHELL FINISH	1: TIN 2: NICKEL	

FEN YING®			
ENTERPRISES CO.,LTD			
A0	An issue.	2010.03.13	Title: <u>D185 SERIES</u>
REV.	CONTENTS	DATE	
<p>UNLESS OTHERWISE SPECIFIED TOLERANCE mm: 00 = ±0.25 000 = ±0.13 Ang: 0.0 = ±2°</p>	Drewn	Shao Jianfeng	
	Designed	He Wei	
	Approval	Lee Jun De	
	Scale	1:1	Size
SHEET	1	Units	mm
File NO.	C-ED-B-D185-001		D-SUB 15 FEMALE HIGH DENSITY STRAIGHT DIP MOUNT PLASTIC BOY 0.236"(6.00)
Drawing NO.	D185H1S1X2P121N0		