



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

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: 4.0 Kgf Max.
- 1.7 Total Unmating Force: 1.0 Kgf Min.
- 1.8 Operating Temperature: -55°C to +85°C



NOTES

1. MATERIAL:
Housing:PBT, UL 94V-0, Color:Green.
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:Tin Plated.
Boardlock:Tin Plated.
Rivet:Nickel Plated.
Screw:Nickel Plated.
3. This Product is LEAD-FREE & RoHS Compliance Product.

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| SERIES NO. D100XXX XXXXXXXXNO | | N: IT'S COMPLIANT WITH RoHS |
| NUMBER OF POSITION | D1: 09-POSITION D2: 15-POSITION D3: 25-POSITION D4: 37-POSITION D5: 50-POSITION | INSULATOR MATERIALS 1: PBT 3: PA9T |
| CONTACT STYLE | S: SOCKET P: PLUG | COLOR STYLE 1: ALL BLACK 2: ALL BLUE 3: ALL GREEN |
| CONTACT MATERIALS | 1: BRASS 2: PHOSPHOR BRONZE | FLANGE MOUNTING OPTION 1: #4-40 THREADED HOLE 2: M3 THREADED HOLE 3: ∅3.05mm CLEAR HOLE 4: #4-40 THREADED SCREWLOCK CLINCHED-MOUNT INSTALLED (4.8) 5: #4-40 THREADED SCREWLOCK CLINCHED-MOUNT INSTALLED (5.8) |
| CONTACT FINISH | 1: G/F BRIGHT TIN 3: 15u" GOLD BRIGHT TIN 4: 30u" GOLD BRIGHT TIN 5: G/F FULL GOLD | 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) F: #4-40 THREADED HOLE WITH #4-40UNC SCREWLOCK BULK-PACKED (5.8x13.0) G: M3 THREADED HOLE WITH M3 SCREWLOCK INSTALLED (5.8x13.0) |
| FRONT SHELL FINISH | 1: TIN 2: NICKEL | |
| BOARD MOUNTING OPTION | 0: NONE 1: #4-40 THREADED HOLE 2: 2-FINGER BOARDLOCK 4: 4-FINGER BOARDLOCK 5: ∅3.05mm CLEAR HOLE | |

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| | | FEN YING [®] | |
| | | ENTERPRISES CO.,LTD | |
| AO | An issue. | 2011.04.08 | |
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| UNLESS OTHERWISE SPECIFIED TOLERANCE mm: .00 = ±0.25 .000 = ±0.13 Ang: 0.0 = ±2° | Drawed | Shao Jianfeng | |
| | Designed | He Wei | |
| | Approval | Lee Jun De | |
| Scale | 1:1 | Size | A4 |
| SHEET | 1 | Units | mm |
| Title: D100 SERIES | | D-SUB 0.318"(8.08mm) FOOTPRING, RIGHT ANGLE | |
| File NO. | C-ED-B-D100-122 | | |
| Drawing NO. | D100D1PIX14E31NO | | |