



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

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: 500V 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:Black.
 - Terminal:Copper Alloy.
 - Shell:SPCC.
 - Boardlock:Copper Alloy.
 - Rivet:Copper Alloy.
 - Screw:Copper Alloy.
2. FINISH:
 - Terminal:Gold Plated over Nickel at Contact Are
 - 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 Compliant Product.

2DSM40XXX 1XXXXXXN0

- SERIES NO.**
- NUMBER OF POSITION**
 D1: 09-POSITION
 D3: 25-POSITION
 H7: 15-POSITIONS HI-DEN.
 (FRONT:7 POS, REAR:8 POS)
 H8: 15-POSITIONS HI-DEN.
 (FRONT:8 POS, REAR:7 POS)
- CONTACT STYLE**
 S: SOCKET
 P: PLUG
- CONTACT MATERIALS**
 1: BRASS
- CONTACT FINISH**
 1: G/F BRIGHT TIN
 3: 15μ" GOLD BRIGHT TIN
 4: 30μ" GOLD BRIGHT TIN
- FRONT SHELL FINISH**
 1: TIN
 2: NICKEL
- INSULATOR MATERIALS**
 1: PBT
 3: PA9T
- COLOR STYLE**
 1: ALL BLACK
 2: ALL BLUE
 3: ALL GREEN
 5: ALL PURPLE
- FLANGE MOUNTING OPTION**
 1: #4-40 THREADED HOLE
 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)
 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)
- BOARD MOUNTING OPTION**
 2: 2-FINGER BOARDLOCK
- N: IT'S COMPLIANT WITH RoHS

Singatron Enterprise Co., Ltd.

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|---------------|--|-----------------------------|---------------|---------|
| TITLE | SLIM D-SUB 9 FEMALE CONNECTOR DIP SOLDER, RIGH ANGLE | | | |
| DWN | Shao Jianfeng | PART NO. 2DSM40D1S1X22L11N0 | | |
| CHKD | He Wei | SCALE 1:1 | UNIT: mm | ① |
| APVD | Lee Jun De | SIZE: A3 | SHEET: 1 OF 1 | REV: AO |
| CUSTOMER COPY | | | | |

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| AO | An issue. | 2011.05.07 |
| REV. | CONTENTS | DATE |

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| UNLESS OTHERWISE SPECIFIED TOLERANCE | |
| mm: | .00 = ±0.25 |
| | .000 = ±0.13 |
| Ang: | 0.0 = ±2° |