

SUMMARY

Wires

Low voltage

10

Image is for illustrative purpose only

| Series | 5K | Download |
|------------------|-----------------------------|-----------|
| Termination type | Female solder | Request a |
| IP rating | 68 mated (mating interface) | Catalog |
| AWG wire size | 18.00 - 10.00 | <u> </u> |
| Cable Ø | 0.00 - 0.00 mm | |
| Status | Active | |

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TECHNICAL DETAILS

Mechanics

| Shell Style/Model | *. |
|-------------------|---|
| Keying | 2 keys (gamma=75, plug: female contacts, receptacle: male contacts) |
| Housing Material | Stainless steel shell, collet nut, latch sleeve, mid pieces, collet and washers |
| Weight | 508.29 g |

Performance

| Configuration | 5K.310:10 Low Voltage |
|---------------|---------------------------|
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 20 Amps |

Specifications

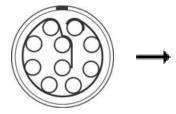
Contact Type: Solder Contact Dia.: 3 mm (0.118in) Bucket Dia.: 2.7 mm (0.106in) Max. Solid Conductor: 4 mm² (AWG 10) Max. Stranded Conductor: 4 mm² (AWG 12) R (max): 3.1 mOhm Vtest (contact-shell): 2300 V (AC), 3250 V (DC) Vtest (contact-contact): 2350 V (AC), 3320 V (DC)

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Others

Endurance (Shell): 5000 mating cycles Temp (min / max): -55°C / +200°C Humidity (max): <=95% [at 60 deg C /140 F] Vibration: 15 g [10 Hz - 2000 Hz] Shock Resistance: 100 g [6 ms] Climatical Category: 50/175/21 Shielding (min): 95 dB (10 MHz) Shielding (min): 80 dB (1 GHz)

DRAWINGS





RECOMMENDED BY LEMO

Tools

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