

SUMMARY

Wires

Low voltage 10

Image is for illustrative purpose only

Series 5K
Termination type Female solder
IP rating 68 mated (mating interface)
AWG wire size 18.00 - 10.00
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]

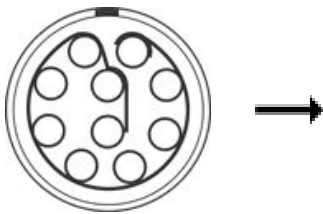
Shock Resistance: 100 g [6 ms]

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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