

## 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 mm<sup>2</sup> (AWG 10)  
Max. Stranded Conductor: 4 mm<sup>2</sup> (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)

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## DRAWINGS



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## RECOMMENDED BY LEMO

### Tools

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