

## SUMMARY

### # Wires

Low voltage 20

*Image is for illustrative purpose only*

Series 5K  
Termination type Female solder  
IP rating 68  
AWG wire size 24.00 - 16.00  
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 505.88 g

### Performance

Configuration 5K.320 : 20 Low Voltage   
Insulator L: PEEK (UL 94 / V-0/1.5)   
Rated Current 10 Amps

### Specifications

Contact Type: Solder   
Contact Dia.: 1.6 mm (0.063in)   
Bucket Dia.: 1.4 mm (0.055in)   
Max. Solid Conductor: 1 mm<sup>2</sup> (AWG 16)   
Max. Stranded Conductor: 1 mm<sup>2</sup> (AWG 18)   
R (max): 3.5 mOhm   
Vtest (contact-shell): 1700 V (AC), 2400 V (DC)   
Vtest (contact-contact): 1900 V (AC), 2700 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]

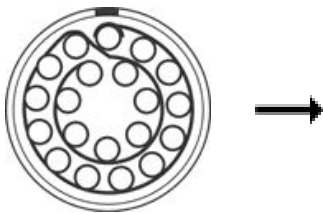
Climatical Category: 50/175/21

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

### Cables

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