

## **SUMMARY**

#### # Wires

Low voltage 20

Image is for illustrative purpose only

Series 5K

**Termination type** Female solder

**IP rating** 68 mated (mating interface)

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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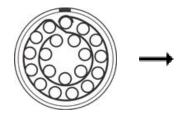
### **Others**

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)

# **DRAWINGS**





# **RECOMMENDED BY LEMO**

**Tools** 

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