

SUMMARY

Wires

Low voltage 10

Image is for illustrative purpose only

Series 5K
Termination type Male solder
IP rating 68 when mated
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
Variant PV : Watertight / Vacuum-tested unmated
Weight 393.21 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)

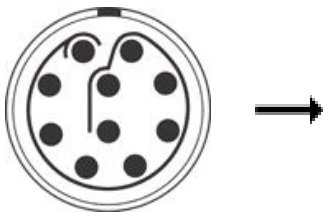
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Vtest (contact-contact): 2350 V (AC), 3320 V (DC)

Others

Endurance (Shell): 5000 mating cycles
Temp (min / max): -20°C / +80°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: 20/80/21
Shielding (min): 95 dB (10 MHz)
Shielding (min): 80 dB (1 GHz)
R leak (He) (max): 0.0000001 mbar*l/s (if vacuum-tested)
Pressure: 5 bars

DRAWINGS














RECOMMENDED BY LEMO

Tools

Cables

CMN.10.T20.080PGZE		Grey	
CMN.10.T20.080PNZE			
CMN.10.T20.080QGC	TPR	Grey	

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CMN.10.T22.068QGZE CMN.10.T28.052PGZE	TPR (medical)	Grey Grey	
CMN.10.T28.052PNZE			
CMN.10.T28.053QGZE	TPR (medical)	Grey	
110220	PVC	Black	
110240	PTFE	White	
110260	PTFE	White	
110280	PVC	Black	
210140	PVC	Grey	
210240	PVC	Black	
210250	PVC	Grey	
210260	PVC	Black	

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