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HBL.5K.320.ULAPV

SUMMARY

Wires

Low voltage	**20**

Image is for illustrative purpose only

Series	5K
Termination type	Male 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
Variant	PV : Watertight / Vacuum-tested
Weight	380.27 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^2 (AWG 16)
Max. Stranded Conductor: 1 mm^2 (AWG 18)
R (max): 3.5 mOhm
Vtest (contact-shell): 1700 V (AC), 2400 V (DC)

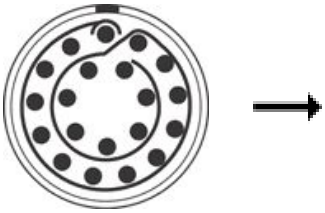
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Vtest (contact-contact): 1900 V (AC), 2700 V (DC)

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

420250	PVC	Grey	
420500	PVC	Grey	
520750	PVC	Grey	

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