

HBL.5K.320.ULAPV

SUMMARY

Wires

Low voltage 20

Image is for illustrative purpose only

Series 5K

Termination type Male solder

 IP rating
 68 when mated

 AWG wire size
 24.00 - 16.00

 Cable Ø
 0.00 - 0.00 mm

Status active

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Catalog

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 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 mm² (AWG 16) Max. Stranded Conductor: 1 mm² (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

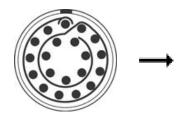
Humidity (max): <=95% [at 60 deg C /140 F]

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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