

SUMMARY

Wires

High voltage 3



Image is for illustrative purpose only

Series 1P
Termination type Female solder
IP rating 50
AWG wire size 0.00 - 0.00
Cable Ø 5.30 - 6.50 mm
Status active
Matching parts [PKH.N0.3GL.AG](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model PA*: Straight plug with cable collet and nut for fitting a bend relief
Keying 2 keys (beta=170; plug: female contacts, receptacle: male contacts)
Housing Material PSU (Polysulfone), gray
Variant G : Gray collet nut for bend relief
Weight 5.35 g

Performance

Configuration 1P.N03 : 3 High Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 9 Amps

Specifications

Note: Increased creepage distance, pin 3 longer
Contact Type: Solder
Contact Dia.: 0.9 mm (0.04in)
Bucket Dia.: 1.4 mm (0.055in)
Max. Solid Conductor: 1 mm² (AWG 18)
Max. Stranded Conductor: 1 mm² (AWG 18)
R (max): 4.5 mOhm

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Test voltage (kV rms) Contact-contact: 1.5
Air clearance min.: 4.6 mm
Creepage distance min.: 4.7 mm
Cable type: H07 RN-F

Others

Endurance (Shell): >2000 mating cycles
Temp (min / max): -50°C / +150°C
F ret (min): 50 N
F ret (max): 150 N
Steam sterilization: > 100 times (with potting on rear connection)

DRAWINGS



RECOMMENDED BY LEMO

Tools

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