

SUMMARY

Wires

Low voltage 9



Image is for illustrative purpose only

Series 1P
Termination type Female print PCB
IP rating 50
AWG wire size 0.00 - 0.00
Cable Ø 0.00 - 0.00 mm
Status active

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TECHNICAL DETAILS

Mechanics

Shell Style/Model PK*: Fixed receptacle with two nuts (back panel mounting), straight print contacts
Keying 2 keys (alpha=40; Plug: male contacts; Receptacle: female contacts)
Housing Material PEI (Polyetherimide), gray
Variant Z : without front nut
Weight 4.47 g

Performance

Configuration 1P.M09 : 9 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 3 Amps

Specifications

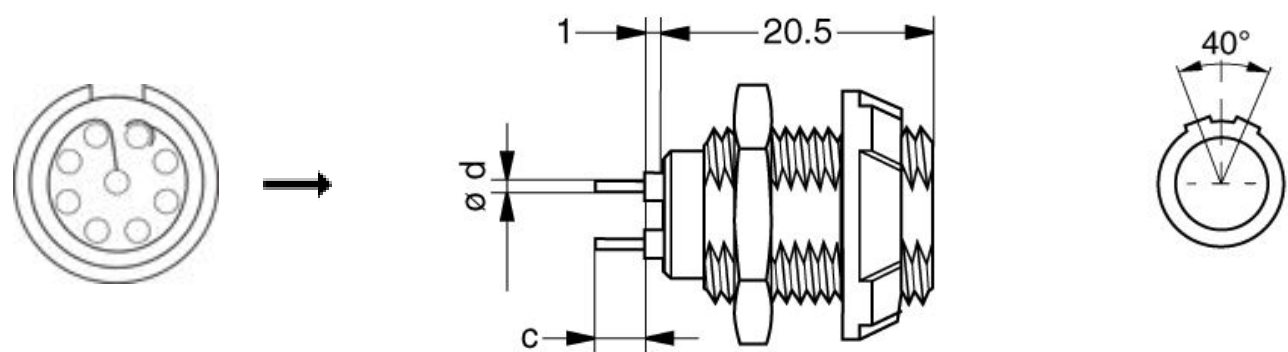
Contact Type: Print (straight)
Contact Dia.: 0.5 mm (0.0201in)
R (max): 8.5 mOhm
Test voltage (kV rms) Contact-contact: 0.85
Air clearance min.: 0.6 mm
Creepage distance min.: 0.6 mm

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Others

- Endurance (Shell): >2000 mating cycles
- Temp (min / max): -50°C / +170°C
- F ret (min): 50 N
- F ret (max): 150 N
- Steam sterilization: > 100 times (with potting on rear connection)

DRAWINGS



Dimensions

	c	d
mm.	3-5	0.5-0.7
in.	0,12	0,02

RECOMMENDED BY LEMO

Tools

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