

## SUMMARY

### # Wires

Low voltage 8



*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 G : Gray front nut

### Performance

Configuration 1P.M08 : 8 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 5 Amps

### Specifications

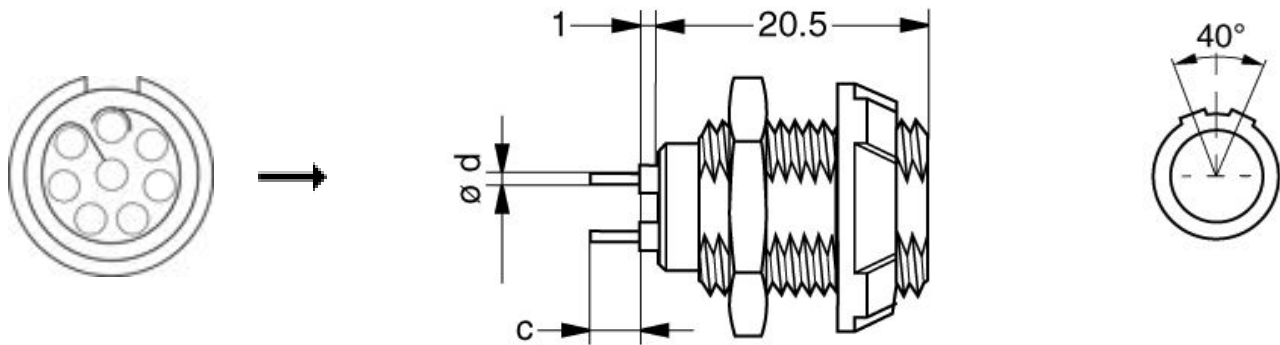
Contact Type: Print (straight)  
Contact Dia.: 0.7 mm (0.0275in)  
R (max): 6.5 mOhm  
Test voltage (kV rms) Contact-contact: 1.05  
Air clearance min.: 0.6 mm  
Creepage distance min.: 0.6 mm

### Others

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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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