

## SUMMARY

### # Wires

Low voltage 4



*Image is for illustrative purpose only*

Series	1P
Termination type	Female print 90° 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), 90° print contacts
Keying	2 keys (alpha=40; Plug: male contacts; Receptacle: female contacts)
Housing Material	PEI (Polyetherimide), gray
Variant	V : Green front nut

### Performance

Configuration	1P.M04 : 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	8 Amps

### Specifications

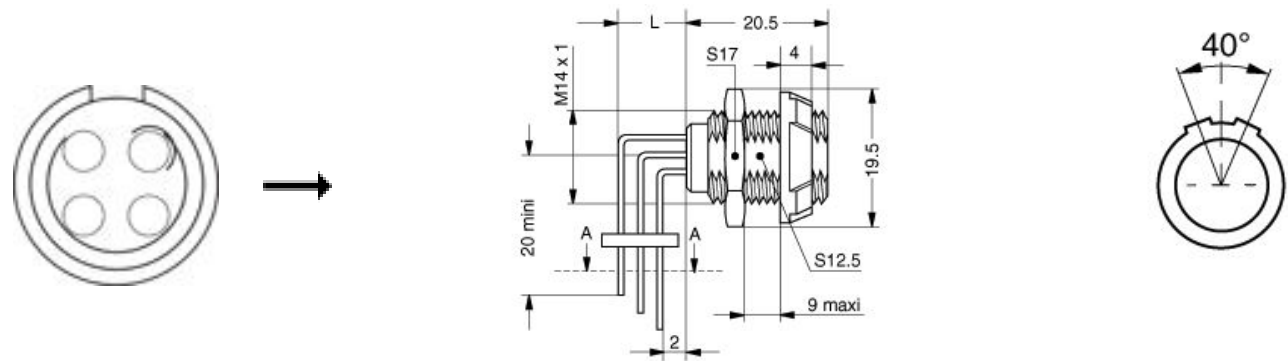
Contact Type: Print (elbow)  
Contact Dia.: 0.9 mm (0.0354in)  
R (max): 4.5 mOhm  
Test voltage (kV rms) Contact-contact: 1.2  
Air clearance min.: 1.2 mm  
Creepage distance min.: 1.2 mm

### 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

	A	L	N
mm.	19.5	5.2-12.9	20.5
in.	0,77	0,20	0,81

# RECOMMENDED BY LEMO

## Tools

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