

## SUMMARY



Image is for illustrative purpose only

### # Wires

Low voltage 10

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  
Matching parts [PAA.M1.0SL.AC39GZ](#)

### Download

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[PCB Eagle Pattern](#)  
[PCB Altium Pattern](#)  
[PCB KiCad Pattern](#)  
[Catalog](#)

## 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 G : Gray front nut  
Weight 6.36 g

### Performance

Configuration 1P.M10 : 10 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 3 Amps

### Specifications

Contact Type: Print (elbow)  
Contact Dia.: 0.5 mm (0.0201in)  
R (max): 8.5 mOhm  
Test voltage (kV rms) Contact-contact: 0.85  
Air clearance min.: 0.45 mm  
Creepage distance min.: 0.45 mm

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## Others

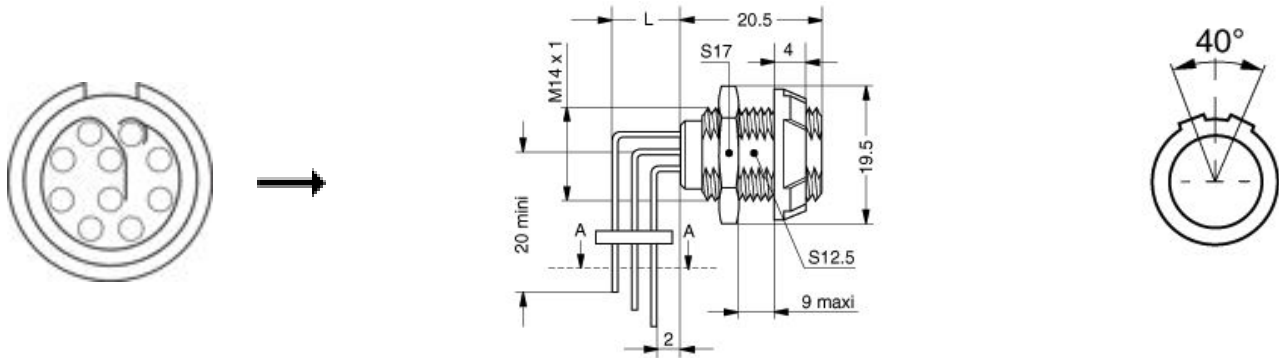
Endurance (Shell): >2000 mating cycles

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-<br>12.9 | 20.5 |
| in. | 0,77 | 0,20         | 0,81 |

## RECOMMENDED BY LEMO

### Tools

### Cables

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