

## SUMMARY



Image is for illustrative purpose only

### # Wires

Low voltage 2

Series 1P  
Termination type Female print 90° PCB  
IP rating 50  
AWG wire size 20.00 - 18.00  
Cable Ø 0.00 - 0.00 mm  
Status active  
Matching parts [PAG.M0.2GL.AC39A](#)

### Download

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[PCB KiCad Pattern](#)  
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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model PK\*: Fixed receptacle with two nuts (back panel mounting), 90° print contacts  
Keying 1 key (alpha=0; Plug: male contact; Receptacle: female contact)  
Housing Material PSU (Polysulfone), gray  
Variant A : Blue front nut  
Weight 4.90 g

### Performance

Configuration 1P.M02 : 2 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 10 Amps

### Specifications

Contact Type: Print (elbow)  
Contact Dia.: 1.3 mm (0.0512in)  
R (max): 3.5 mOhm  
Test voltage (kV rms) Contact-contact: 1.2  
Air clearance min.: 1.3 mm  
Creepage distance min.: 1.3 mm

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## Others

Endurance (Shell): >2000 mating cycles

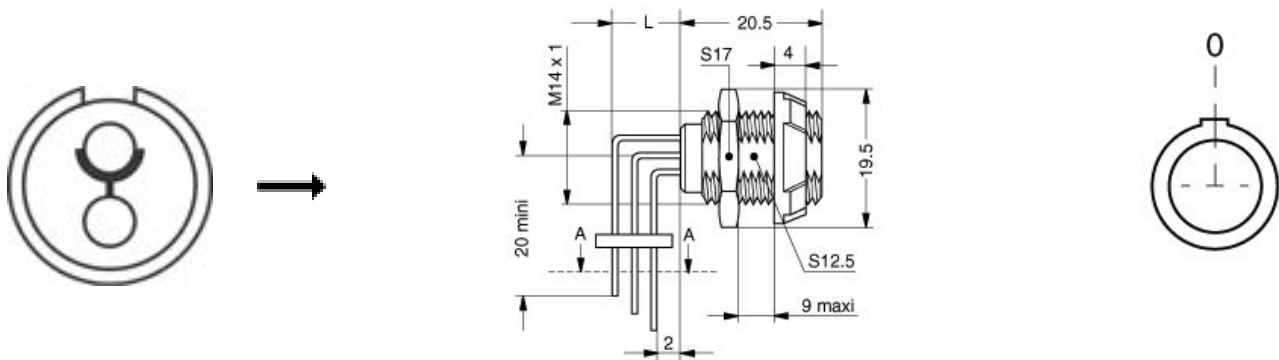
Temp (min / max): -50°C / +150°C

F ret (min): 50 N

F ret (max): 150 N

Steam sterilization: > 100 times (with potting on rear connection)

## DRAWINGS



## 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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