

## SUMMARY

### # Wires

Low voltage 6



*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  
Matching parts [PAG.M0.6SL.AC52G](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model PK\*: Fixed receptacle with two nuts (back panel mounting), straight print contacts  
Keying 1 key (alpha=0; Plug: male contact; Receptacle: female contact)  
Housing Material PEI (Polyetherimide), gray  
Variant Z : without front nut  
Weight 4.34 g

### Performance

Configuration 1P.M06 : 6 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 6 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.: 0.85 mm  
Creepage distance min.: 0.85 mm

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## Others

Endurance (Shell): >2000 mating cycles

Temp (min / max): -50°C / +170°C

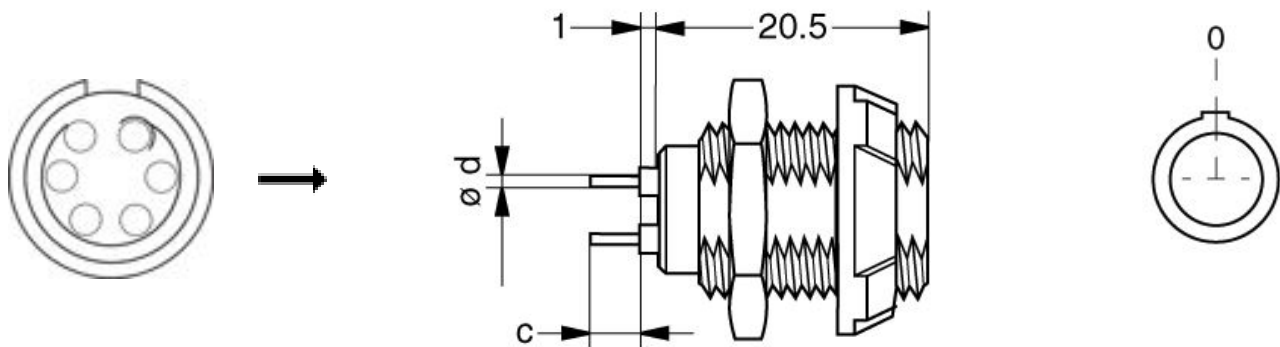
F ret (min): 50 N

F ret (max): 150 N

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

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## DRAWINGS



## Dimensions

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

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## RECOMMENDED BY LEMO

## Tools

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