

## SUMMARY

### # Wires

Low voltage 7



Image is for illustrative purpose only

Series 1P  
Termination type Female crimp  
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 without hexagonal nut  
Keying 2 keys (alpha=40; Plug: male contacts; Receptacle: female contacts)  
Housing Material PEI (Polyetherimide), gray  
Variant Z : without front nut  
Weight 5.85 g

### Performance

Configuration 1P.M07 : 7 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 5 Amps

### Specifications

Contact Type: Crimp  
Contact Retention: 26 N  
Contact Dia.: 0.7 mm (0.0275in)  
Min. Conductor: 0.14 mm<sup>2</sup> (AWG 26)  
Max. Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
R (max): 6.5 mOhm  
Test voltage (kV rms) Contact-contact: 1.05

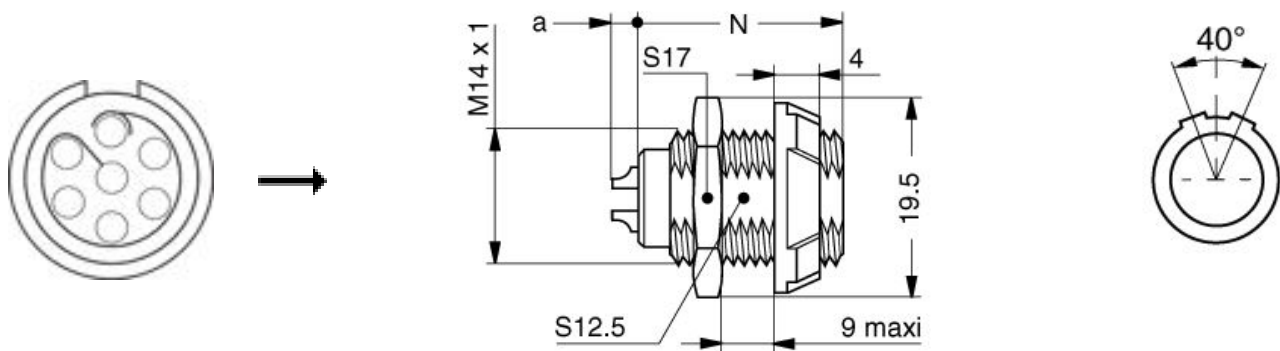
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Air clearance min.: 1.4 mm  
Creepage distance min.: 1.4 mm

## 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)

## DRAWINGS



## Dimensions

	A	N	a
mm.	19.5	20.5- 22.2	0-4.5
in.	0,77	0,81	0,00

## RECOMMENDED BY LEMO

### Tools

Crimp Tool: [DPC.91.701.V](#)

Crimp settings: AWG/Selector = 22-24-26/6-5-5

Positionner: [DCE.91.070.BVM](#)

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Extractor: [DCF.91.070.2LT](#)

Replacement contact: SINGLE: EGG.0B.657.ZZM KIT OF 7: PKG.657.07M

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