

SUMMARY

Wires

Low voltage 6



Image is for illustrative purpose only

Series	1P
Termination type	Male solder
IP rating	50
AWG wire size	32.00 - 24.00
Cable Ø	5.30 - 6.50 mm
Status	Active
Matching parts	PLG.M0.6TL.LN

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PA*: Straight plug with cable collet and nut for fitting a bend relief
Keying	1 key (alpha=0; Plug: male contact; Receptacle: female contact)
Housing Material	PEI (Polyetherimide), black
Variant	N : Black collet nut for bend relief

Performance

Configuration	1P.M06 : 6 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	6 Amps

Specifications

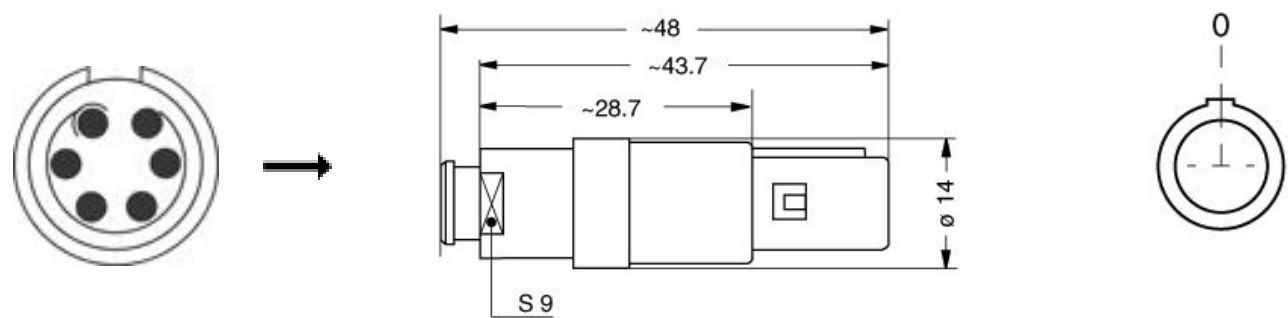
Contact Type:	Solder
Contact Dia.:	0.7 mm (0.0275in)
Bucket Dia.:	0.6 mm (0.024in)
Max. Solid Conductor:	0.14 mm ² (AWG 26)
Max. Stranded Conductor:	0.14 mm ² (AWG 26)
R (max):	6.5 mOhm
Test voltage (kV rms) Contact-contact:	1.05
Air clearance min.:	0.85 mm
Creepage distance min.:	0.85 mm

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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)

DRAWINGS



RECOMMENDED BY LEMO

Tools

Cables

12080	PVC	Grey	
260250	PVC	Grey	

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