

SUMMARY

Wires

Low voltage 2



Image is for illustrative purpose only

Series 1P
Termination type Male solder
IP rating 50
AWG wire size 0.00 - 20.00
Cable Ø 5.30 - 6.50 mm
Status active
Matching parts [PLG.M0.2GL.LA](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model PA*: Straight plug with cable collet
Keying 1 key (alpha=0; Plug: male contact; Receptacle: female contact)
Housing Material PSU (Polysulfone), grey
Variant A : Blue collet nut
Weight 4.87 g

Performance

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

Specifications

Contact Type: Solder
Contact Dia.: 1.3 mm (0.0512in)
Bucket Dia.: 1.1 mm (0.04in)
Max. Solid Conductor: 0.5 mm² (AWG 20)
Max. Stranded Conductor: 0.5 mm² (AWG 20)
R (max): 3.5 mOhm
Test voltage (kV rms) Contact-contact: 1.2

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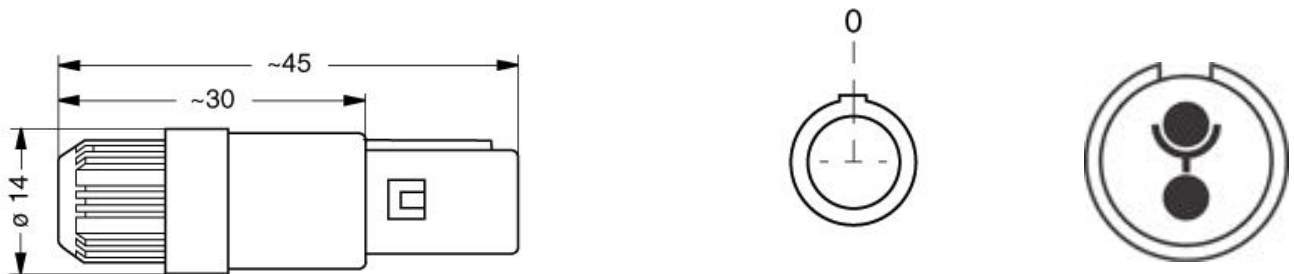
Air clearance min.: 1.3 mm
Creepage distance min.: 1.3 mm

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

Draws



Dimensions


	A	L
mm.	14	45
in.	0.55	1.77

RECOMMENDED BY LEMO

Tools

Cables

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120 184	PVC	Black	
120 500	PVC	Grey	
120 751	PVC	Grey	
220 750	PVC	Grey	

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