

SUMMARY

Wires

Low voltage 5



Image is for illustrative purpose only

Series 1P
Termination type Male solder
IP rating 50
AWG wire size 0.00 - 22.00
Cable Ø 4.00 - 5.20 mm
Status active
Matching parts [PLG.M0.5GL.LG](#)

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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 G : grey collet nut
Weight 5.00 g

Performance

Configuration 1P.M05 : 5 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 7 Amps

Specifications

Contact Type: Solder
Contact Dia.: 0.9 mm (0.035in)
Bucket Dia.: 0.8 mm (0.031in)
Max. Solid Conductor: 0.34 mm² (AWG 22)
Max. Stranded Conductor: 0.34 mm² (AWG 22)
R (max): 4.5 mOhm
Test voltage (kV rms) Contact-contact: 1.05

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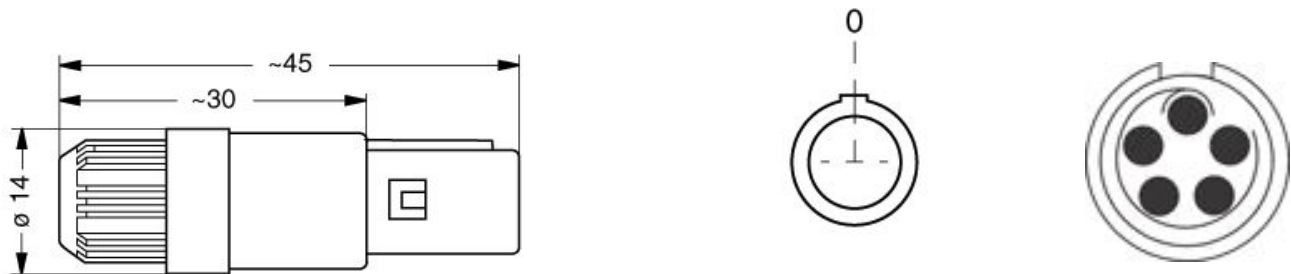
Air clerance min.: 0.8 mm
Creepage distance min.: 0.8 mm

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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CMN.05.T22.051PGCE	PVC	GREY	
CMN.05.T22.051PNCE	PVC	Black	
CMN.05.T22.051QGZE	TPR (medical)	Grey	
CMN.05.T22.051PGZE		Grey	
CMN.05.T22.051PNZE			
050 090	PVC	Black	
050 140	PVC	Grey	

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