

SUMMARY

Wires

Low voltage 10



Image is for illustrative purpose only

Series	1P
Termination type	Female solder
IP rating	50
AWG wire size	0.00 - 28.00
Cable Ø	1.70 - 6.50 mm
Status	active
Matching parts	PAA.M1.0GL.AC39G

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PL*: Fixed receptacle, nut fixing
Keying	2 keys (alpha=40; Plug: male contacts; Receptacle: female contacts)
Housing Material	PSU (Polysulfone), grey
Variant	G : grey front nut
Weight	5.28 g

Performance

Configuration	1P.M10 : 10 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	3 Amps

Specifications

Contact Type: Solder
Contact Dia.: 0.5 mm (0.0201in)
Bucket Dia.: 0.45 mm (0.018in)
Max. Solid Conductor: 0.09 mm² (AWG 28)
Max. Stranded Conductor: 0.09 mm² (AWG 28)
R (max): 8.5 mOhm
Test voltage (kV rms) Contact-contact: 0.85

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Air clearance min.: 0.45 mm
Creepage distance min.: 0.45 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	N
mm.	19.5	25	20.5
in.	0.77	0.98	0.81

RECOMMENDED BY LEMO

Tools

Cables

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CMN.10.T28.052PGCE	PVC	GREY	
CMN.10.T28.053QGZE	TPR (medical)	Grey	
CMN.10.T28.052PGZE		Grey	
CMN.10.T28.052PNCE	PVC	Black	
CMN.10.T28.052PNZE			
110 280	PVC	Black	

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