

SUMMARY

Wires

Low voltage 2



Image is for illustrative purpose only

Series	1P
Termination type	Female print 90° PCB
IP rating	50
AWG wire size	20.00 - 18.00
Cable Ø	0.00 - 0.00 mm
Status	Active
Matching parts	PAG.M0.2GL.AC39Z

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PK*: Fixed receptacle with two nuts (back panel mounting), 90° print contacts
Keying	1 key (alpha=0; Plug: male contact; Receptacle: female contact)
Housing Material	PSU (Polysulfone), gray
Variant	Z : without front nut
Weight	4.48 g

Performance

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

Specifications

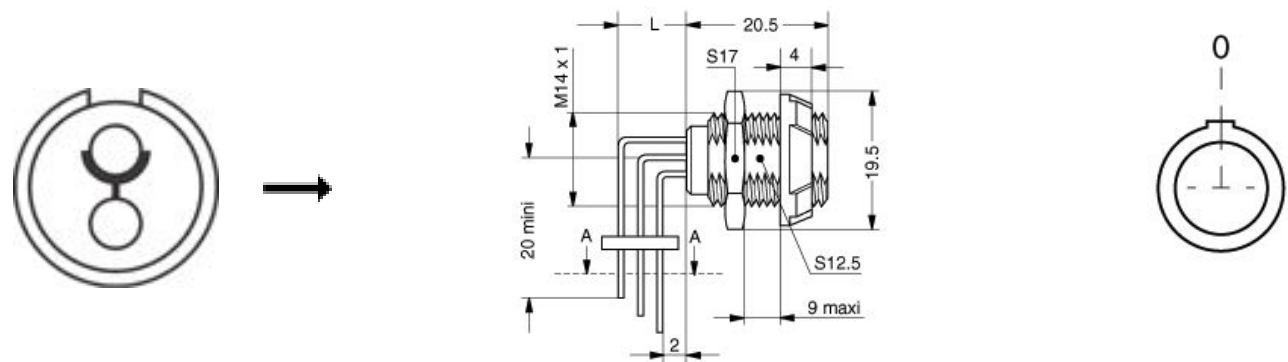
Contact Type: Print (elbow)
 Contact Dia.: 1.3 mm (0.0512in)
 R (max): 3.5 mOhm
 Test voltage (kV rms) Contact-contact: 1.2
 Air clearance min.: 1.3 mm
 Creepage distance min.: 1.3 mm

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Others

- Endurance (Shell): >2000 mating cycles
- Temp (min / max): -50°C / +150°C
- F ret (min): 50 N
- F ret (max): 150 N
- Steam sterilization: > 100 times (with potting on rear connection)

DRAWINGS



Dimensions

	A	L	N
mm.	19.5	5.2-12.9	20.5
in.	0,77	0,20	0,81

RECOMMENDED BY LEMO

Tools

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