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PKG.M0.5GL.LZ

SUMMARY

Wires

Low voltage	**5**

Image is for illustrative purpose only

Series	1P
Termination type	Female solder
IP rating	50
AWG wire size	22.00 - 0.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	PAG.M0.5GL.AC52Z

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PK*: Fixed receptacle without hexagonal nut
Keying	1 key (alpha=0; Plug: male contact; Receptacle: female contact)
Housing Material	PSU (Polysulfone), gray
Variant	Z : without front nut
Weight	4.44 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 (0.0354in)
Bucket Dia.: 0.8 mm (0.031in)
Max. Solid Conductor: 0.34 mm^2 (AWG 22)
Max. Stranded Conductor: 0.34 mm^2 (AWG 22)
R (max): 4.5 mOhm
Test voltage (kV rms) Contact-contact: 1.05

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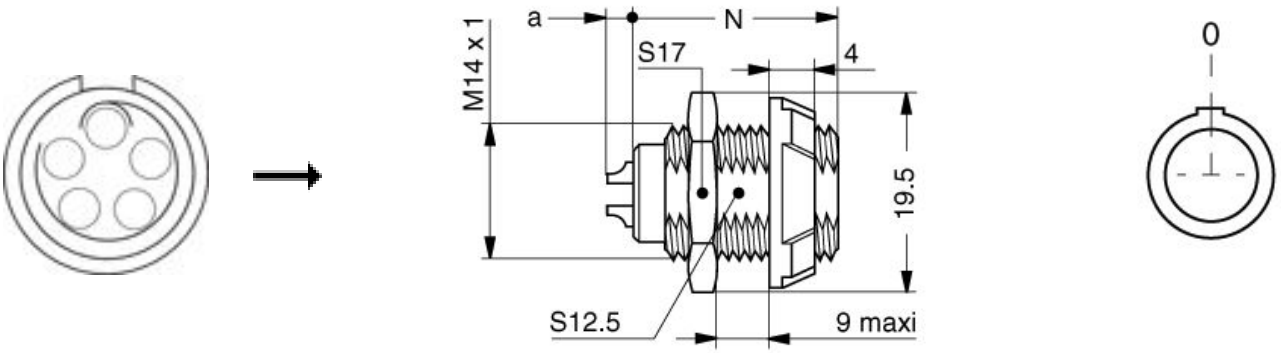
Air clearance min.: 0.8 mm
Creepage distance min.: 0.8 mm

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	N	a
mm.	19.5	20.5-22.2	0-4.5
in.	0,77	0,81	0,00

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Tools

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