

SUMMARY

Wires

Low voltage 8



Image is for illustrative purpose only

Series	1P
Termination type	Female solder
IP rating	50
AWG wire size	0.00 - 26.00
Cable Ø	2.70 - 3.90 mm
Status	obsolete
Alternative part	PAH.M0.8TL.LC39NZ

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PA*: Straight plug with cable collet and nut for fitting a bend relief
Keying	2 keys (beta=170; plug: female contacts, receptacle: male contacts)
Housing Material	PEI (Polyetherimide), black

Performance

Configuration	1P.M08 : 8 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	5 Amps

Specifications

Contact Type:	Solder
Contact Dia.:	0.7 mm (0.0275in)
Bucket Dia.:	0.6 mm (0.024in)
Max. Solid Conductor:	0.14 mm ² (AWG 26)
Max. Stranded Conductor:	0.14 mm ² (AWG 26)
R (max):	6.5 mOhm
Test voltage (kV rms) Contact-contact:	1.05
Air clearance min.:	0.6 mm
Creepage distance min.:	0.6 mm

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Others

Endurance (Shell): >2000 mating cycles

Temp (min / max): -50°C / +170°C

F ret (min): 50 N

F ret (max): 150 N

Steam sterilization: > 100 times (with potting on rear connection)

DRAWINGS



RECOMMENDED BY LEMO

Tools

Cables

8050	PVC	Black	
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