

SUMMARY



Image is for illustrative purpose only

Wires

Low	14
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

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Series	1P
Termination type	Female solder
IP rating	50
Cable Ø	0.00 - 0.00 mm
Status	active
Alternative part	
Matching parts	PAA.M1.4SL.AC52GZ

TECHNICAL DETAILS

Mechanics

Shell Style/Model	PL*: Fixed receptacle, nut fixing
Keying	2 keys (alpha=40; Plug: male contacts; Receptacle: female contacts)
Housing Material	PEI (Polyetherimide), grey
Variant	N : Black front nut
Weight	5.72 g

Performance

Configuration	1P.M14 : 14 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	2 Amps

Specifications

Contact Type:	Solder
Contact Dia.:	0.5 mm (0.0201in)
Bucket Dia.:	0.45 mm (0.018in)
Max. Solid Conductor:	0.09 mm ² (AWG 28)

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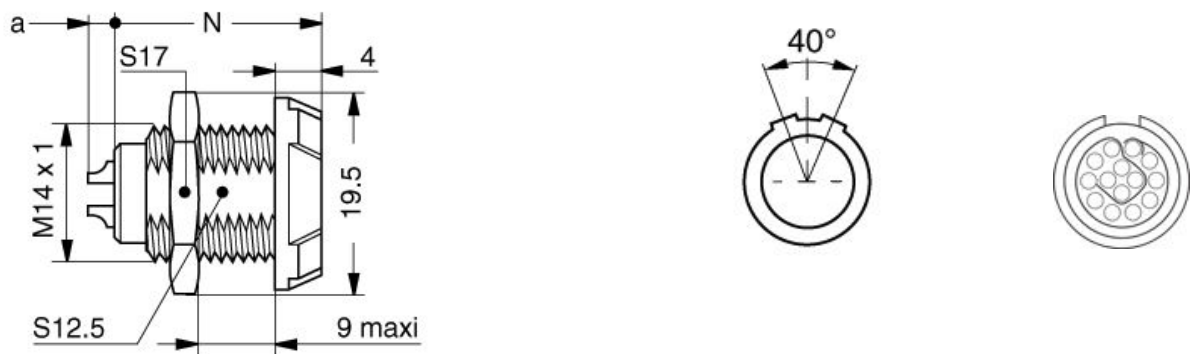
Max. Stranded Conductor: 0.09 mm² (AWG 28)
 R (max): 8.5 mOhm
 Test voltage (kV rms) Contact-contact: 0.6
 Air clearance min. (mm) or Creepage distance min. (mm): 0.5

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)
 IP Rating: 50

DRAWINGS

Draws



Dimensions

	A	L	N
mm.	19.5	25	20.5
in.	0,77	0,98	0,81

RECOMMENDED BY LEMO

Tools

None

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Cables

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