

SUMMARY

Wires

Low	16
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



Image is for illustrative purpose only

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Series	SP
Termination type	Female crimp
IP rating	50
Cable Ø	6.60 - 7.50 mm
Status	active
Alternative part	

TECHNICAL DETAILS

Mechanics

Shell Style/Model	SA/Z*: Straight plug, key (N) or keys (P, S and T), with cable collet and nut for fitting a bend relief
Keying	3 keys (alpha=0, gamma=50, plug: female contacts, receptacle: male contacts)
Housing Material	Proprietary sulfone, grey
Variant	NZ : Black collet nut for bend relief
Weight	6.83 g

Performance

Configuration	SP.M16 : 16 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	3.0 Amps

Specifications

Contact Type:	Crimp
Contact Dia.:	0.5 mm (0.0196in)
Min. Conductor:	0.03 mm ² (AWG 32)
Max. Conductor:	0.12 mm ² (AWG 28)

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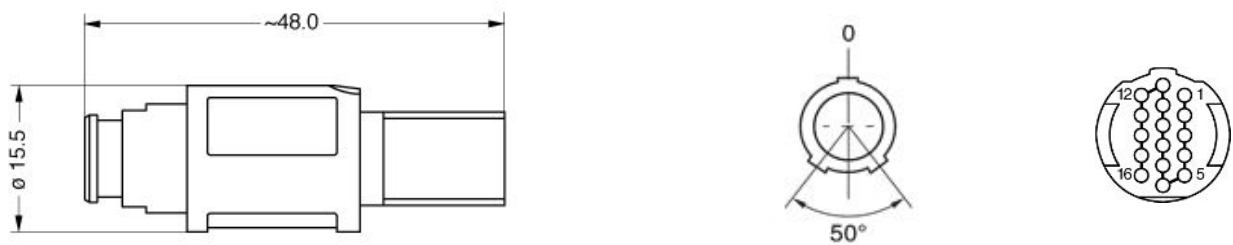
R (max): 8.5 mOhm
Test voltage (kV rms) Contact-contact: 1.30
Air clearance min. (mm) or Creepage distance min. (mm): 0.8

Others

Endurance (Shell): >2000 mating cycles
Temp (min / max): -50°C / +170°C
IP Rating: 50

DRAWINGS

Draws



Dimensions

	A	L
mm.	15.5	48
in.	0.61	1.89

RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.701.V
Crimp settings: AWG/Selector = 28-30-32/4-3-3
Positionner: SOE.050.VM
Replacement contact: SLN.605.ZZM

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Cables

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