

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 solder
IP rating	50
Cable Ø	0.00 - 0.00 mm
Status	active
Alternative part	
Matching parts	SAN.M16.NLA.6N

TECHNICAL DETAILS

Mechanics

Shell Style/Model	SK_.SP*: Fixed socket, key (N) or keys (P, S and T), with two nuts (back panel mounting), black front nut
Keying	3 keys (alpha=0, gamma=30, plug: male contacts, receptacle: female contacts)
Housing Material	Proprietary sulfone, black
Variant	N : Black front nut
Weight	5.12 g

Performance

Configuration	SP.M16 : 16 Low V.
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	3.0 Amps

Specifications

Contact Type: Solder
Contact Dia.: 0.5 mm (0.0196in)
Bucket Dia.: 0.45 mm (0.0177in)

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Max. Solid Conductor: 0.12 mm² (AWG 28)
Max. Stranded Conductor: 0.12 mm² (AWG 28)
R (max): 8.5 mOhm
Test voltage (kV rms) Contact-contact: 0.75
Air clearance min. (mm) or Creepage distance min. (mm): 0.47

Others

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

DRAWINGS

Draws



Dimensions

	B	E _{max}	N	a	e
mm.	18.5	8.5	23.5	2.2	M14x1
in.	0,73	0,33	0,93	0,09	

RECOMMENDED BY LEMO

Tools

None

Cables

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