

SUMMARY

Wires

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



Image is for illustrative purpose only

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Series	1S
Termination type	Hybrid contacts
IP rating	50
Cable Ø	4.20 - 5.20 mm
Matching parts	
Status	active
Alternative part	

TECHNICAL DETAILS

Mechanics

Shell Style/Model	PSA*: Fixed receptacle, nut fixing, cable collet
Keying	
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	∅ 4.2 - 5.2 mm
Variant	

Performance

Configuration	1S.902/ThC : 2 Thermocouple Pairs
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	

Specifications

Contact Dia.:	0.9 mm (0.035in)
Thermocouple (P+/N-):	Pin 1 / Pin 2
Thermocouple (P+/N-):	Pin 3 / Pin 4

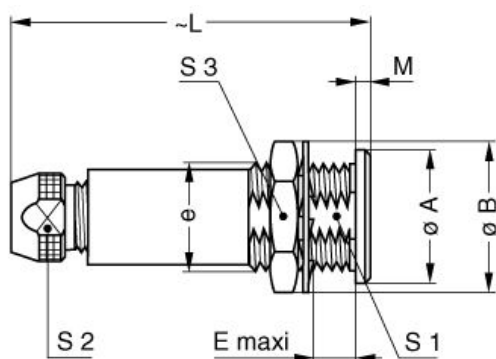
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Others

Endurance (Shell): 5000 mating cycles
Temp (min / max): -55°C / +250°C
Humidity (max): <=95% [at 60 deg C / 140 F]
Vibration: 15 g [10 Hz - 2000 Hz]
Shock Resistance: 100 g [6 ms]
Salt Spray Corrosion: >144 hr
Climatical Category: 50/175/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
IP Rating: 50

DRAWINGS

Draws



Dimensions

	A	B	C	E	L	M	S1	S2	S3	e
mm.	14	16	6.2	7.5	40.5	1.5	10.5	8.5	14	M12x1.0
in.	0,55	0,63	0,24	0,30	1,59	0,06	0,41	0,33	0,55	

RECOMMENDED BY LEMO

Tools

Spanner wrench: DCD.1S.015.PA085

Cables

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