

SUMMARY

Wires

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



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Series	0S
Termination type	Thermocouple
IP rating	50
Cable Ø	1.30 - 2.20 mm
Matching parts	FFA.0S.302.CLTC17
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	∅ 1.3 - 2.2 mm
Variant	
Weight	8.27 g

Performance

Configuration	0S.302/ThC : 1 Thermocouple Pair
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	10 Amps

Specifications

Max. Matings:	1000
ThC. Materials (P+/N-):	Copper / Constantan

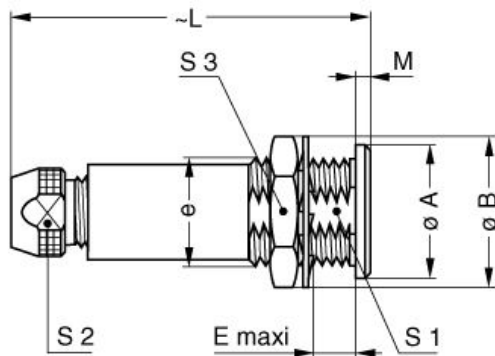
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Others

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.	10	12.5	4.2	7	33.5	1.2	8.2	6.5	11	M9x0.6
in.	0,39	0,49	0,17	0,28	1,32	0,05	0,32	0,26	0,43	

RECOMMENDED BY LEMO

Tools

Spanner wrench: DCD.05.005.PA065

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Cables

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