

SUMMARY



Image is for illustrative purpose only

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	0.00 - 0.00 mm
Matching parts	
Status	
Alternative part	

TECHNICAL DETAILS

Mechanics

Shell Style/Model	ERD*: Fixed receptacle with two nuts (back panel mounting)
Keying	
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	∅ 0 - 0 mm
Variant	

Performance

Configuration	0S.302/ThC : 1 Thermocouple Pair
Insulator	Y: PEEK for crimp contacts
Rated Current	10 Amps

Specifications

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

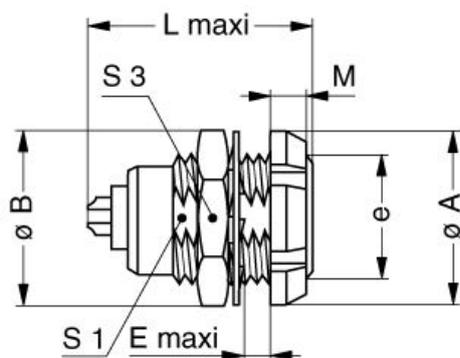
Others

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: >1000 hr
 Climatological Category: 50/175/21
 Shielding (min): 75 dB (10 MHz)
 Shielding (min): 40 dB (1 GHz)
 IP Rating: 50

DRAWINGS

Draws



Dimensions

	A	B	E	L	M	S1	S3	e
mm.	12	12.5	5.5	17.5	2.5	8.2	11	M9x0.6
in.	0,47	0,49	0,22	0,69	0,10	0,32	0,43	

RECOMMENDED BY LEMO

Tools

None

Cables