

## SUMMARY

### # Wires

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

Series	0S
Termination type	Thermocouple
IP rating	50
Cable Ø	0.00 - 0.00 mm
Matching parts	
Status	active
Alternative part	



*Image is for illustrative purpose only*

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## 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	
Weight	8.15 g

### 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

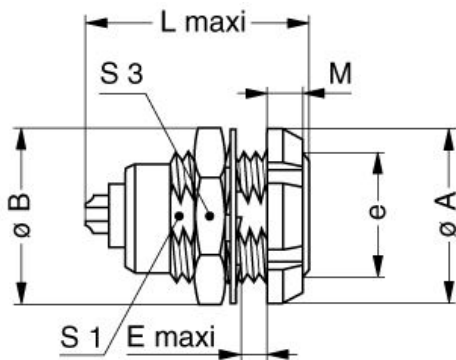
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Others

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: >1000 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	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

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Cables

120 222			
121 221			
130 222			
131 221			
150 222			
151 221			
160 222			
161 221			

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