

SUMMARY

Wires

Thermocouple 4



Image is for illustrative purpose only

Series 1S
Termination type Hybrid contacts
IP rating 50
AWG wire size 30.00 - 22.00
Cable Ø 0.00 - 0.00 mm
Status active

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TECHNICAL DETAILS

Mechanics

Shell Style/Model ERA*: Fixed receptacle, nut fixing
Keying
Housing Material Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Weight 8.28 g

Performance

Configuration 1S.902/ThC : 2 Thermocouple Pairs
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current

Specifications

ThC. Materials (P+/N-): Iron (magnetic) / Constantan

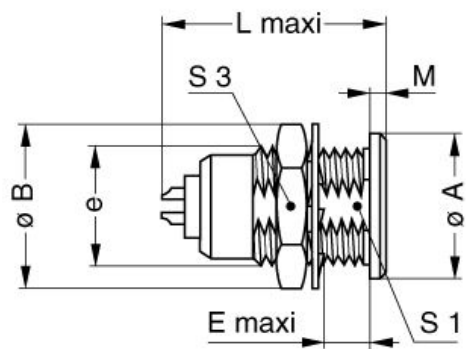
Others

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]

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Shock Resistance: 100 g [6 ms]
Climatical Category: 50/175/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	B	E	L	M	S1	S3	e
mm.	14	16	7.5	21	1.5	10.5	14	M12x1.0
in.	0,55	0,63	0,30	0,83	0,06	0,41	0,55	

RECOMMENDED BY LEMO

Tools

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