

SUMMARY

Wires

Thermocouple 2



Image is for illustrative purpose only

Series 0S
Termination type Thermocouple
IP rating 50
AWG wire size 30.00 - 22.00
Cable Ø 1.30 - 2.20 mm
Status active
Matching parts [FFA.0S.302.CLTC22](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model PSA*: Fixed receptacle, nut fixing, cable collet
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 8.27 g

Performance

Configuration 0S.302/ThC : 1 Thermocouple Pair
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 10 Amps

Specifications

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

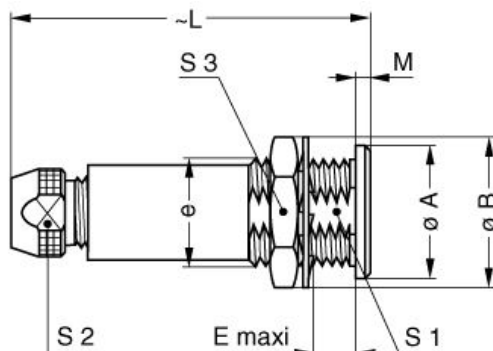
Others

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]

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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: >144 hr

DRAWINGS



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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