

SUMMARY



Image is for illustrative purpose only

Wires

Low voltage	1
Thermocouple	2

Series	0S
Termination type	Thermocouple
IP rating	50
AWG wire size	32.00 - 24.00
Cable Ø	3.80 - 4.40 mm
Status	active
Matching parts	ERA.0S.303.CLT

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FFA*: Straight plug, 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	7.37 g

Performance

Configuration	0S.303/ThC : 1 Thermocouple Pair, Ground
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	7 Amps

Specifications

ThC. Materials (P+/N-):	Copper / Constantan
-	
Thermocouple (P+/N-):	Pin 1 / Pin 2

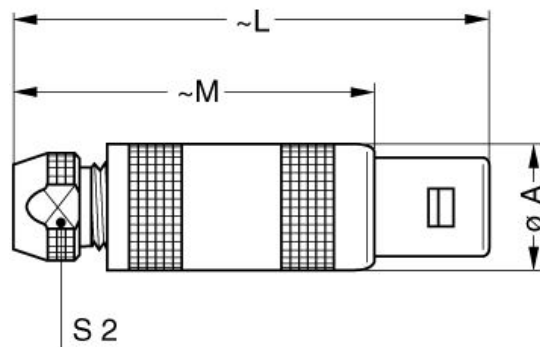
Others

Endurance (Shell):	5000 mating cycles
Temp (min / max):	-55°C / +250°C

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Humidity (max): <=95% [at 60 deg C /140 F]
 Vibration: 15 g [10 Hz - 2000 Hz]
 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	L	M	S2
mm.	9	34.5	24.5	6.5
in.	0,35	1,36	0,96	0,26

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.05.005.PA065](#)

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