

SUMMARY



Image is for illustrative purpose only

Wires

Thermocouple 2

Series 1E
Termination type Thermocouple
IP rating 68 mated (mating interface)
AWG wire size 28.00 - 20.00
Cable Ø 0.00 - 0.00 mm
Status active
Matching parts [FFA.1E.302.CLKC50](#)

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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, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces
Weight 18.90 g

Performance

Configuration 1E.302/ThC : 1 Thermocouple Pair
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 15 Amps

Specifications

ThC. Materials (P+/N-): Chromel / Alumel

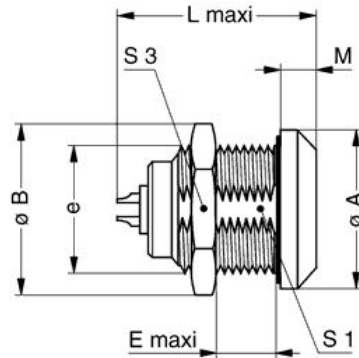
Others

Endurance (Shell): 5000 mating cycles
Temp (min / max): -55°C / +200°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): 95 dB (10 MHz)
 Shielding (min): 80 dB (1 GHz)
 Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

| | A | B | E | L | L1 | M | S1 | S3 | e |
|-----|------|------|------|------|------|------|------|------|---------|
| mm. | 20 | 21.5 | 9 | 24 | 25.3 | 4.5 | 14.5 | 19 | M16x1.0 |
| in. | 0,79 | 0,85 | 0,35 | 0,94 | 1,00 | 0,18 | 0,57 | 0,75 | |

RECOMMENDED BY LEMO

Tools

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