

## SUMMARY



Image is for illustrative purpose only

### # Wires

Thermocouple 2

Series	1E
Termination type	Thermocouple
IP rating	68 when mated
AWG wire size	28.00 - 20.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	<a href="#">FFA.1E.302.CLKC50</a>

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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

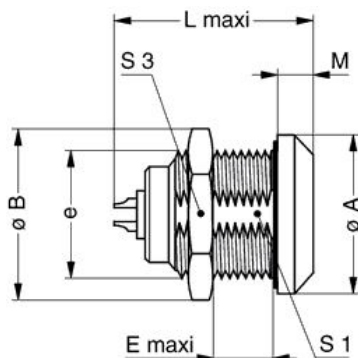
### Others

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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