

## SUMMARY

### # Wires

High voltage 1


*Image is for illustrative purpose only*

Series	1E
Termination type	Male solder High-Voltage
IP rating	68
AWG wire size	0.00 - 0.00
Cable Ø	5.10 - 5.50 mm
Status	active
Matching parts	<a href="#">ERA.1E.405.CTL</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FFA*: Straight plug, cable collet and nut for fitting a bend relief
Keying	Circular, male
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
Variant	Z : Nut for fitting a bend relief
Weight	22.88 g

### Performance

Configuration	1E.405 : 1 High Voltage
Insulator	T: PTFE
Rated Current	8 Amps

### Specifications

Contact Type:	Solder
Test voltage (kV DC)	10.5
Test voltage (kV AC)	7.5
Creepage distance min.:	10.5 mm

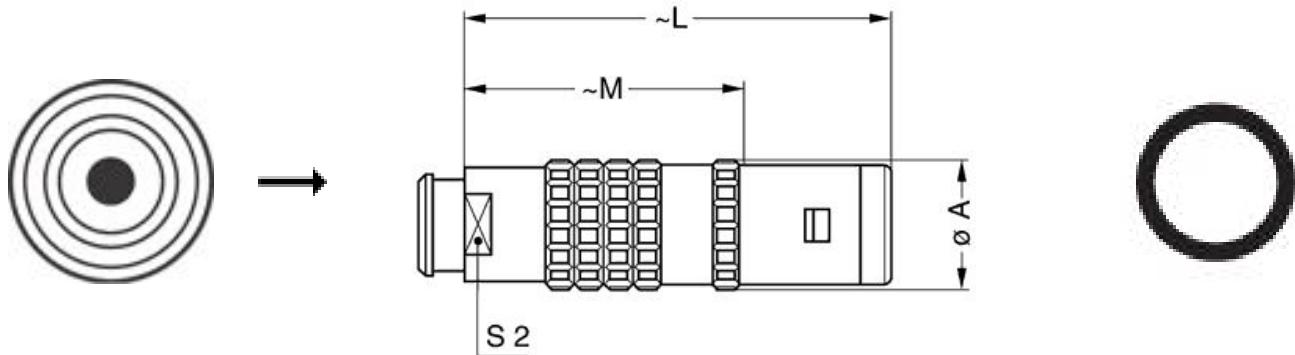
### Others

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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]  
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

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## DRAWINGS



### Dimensions

	A	L	M	S2
mm.	13	42	28	9
in.	0,51	1,65	1,10	0,35

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## RECOMMENDED BY LEMO

### Tools

Spanner wrench: [DCD.1E.008.PA090](#)  
Caps: [BFA.1E.100.NAS](#)

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