

## SUMMARY

### # Wires

High voltage	1
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*Image is for illustrative purpose only*

Series	3S
Termination type	Male solder High-Voltage
IP rating	50
AWG wire size	18.00 - 10.00
Cable Ø	9.80 - 10.50 mm
Status	active
Matching parts	<a href="#">ERA.3S.405.CTL</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FFB*: Straight plug, cable collet and safety locking ring
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
Weight	63.31 g

### Performance

Configuration	3S.405 : 1 High Voltage
Insulator	T: PTFE
Rated Current	15 Amps

### Specifications

Contact Type:	Solder
Test voltage (kV DC)	10.5
Test voltage (kV AC)	7.5
Air clearance min.:	12.8 mm
Creepage distance min.:	12.9 mm

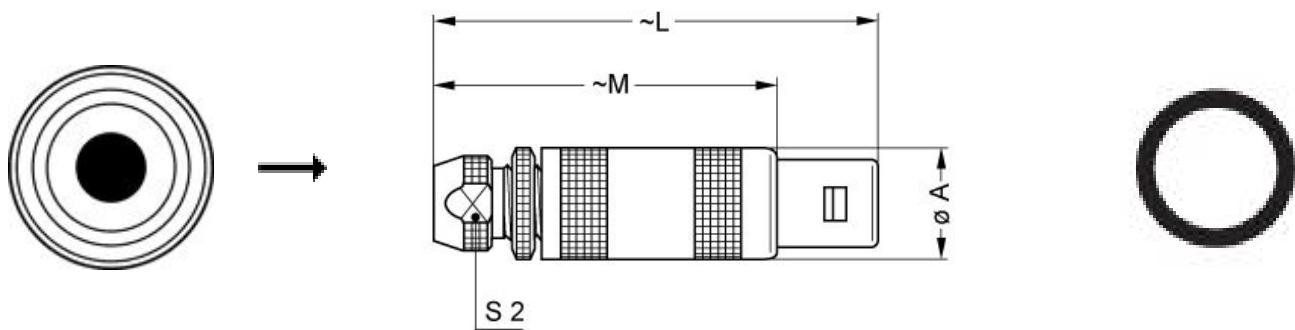
### Others

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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]  
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

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## DRAWINGS



### Dimensions

	A	L	M	S2
mm.	17.8	65	50	14
in.	0,70	2,56	1,97	0,55

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## RECOMMENDED BY LEMO

### Tools

Spanner wrench: [DCP.91.023.TN](#)

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