

## SUMMARY

### # Wires

High voltage	1
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*Image is for illustrative purpose only*

Series	0S
Termination type	Male solder High-Voltage
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	2.30 - 3.20 mm
Status	active
Matching parts	<a href="#">ERA.0S.403.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	8.56 g

### Performance

Configuration	0S.403 : 1 High Voltage
Insulator	T: PTFE
Rated Current	4 Amps

### Specifications

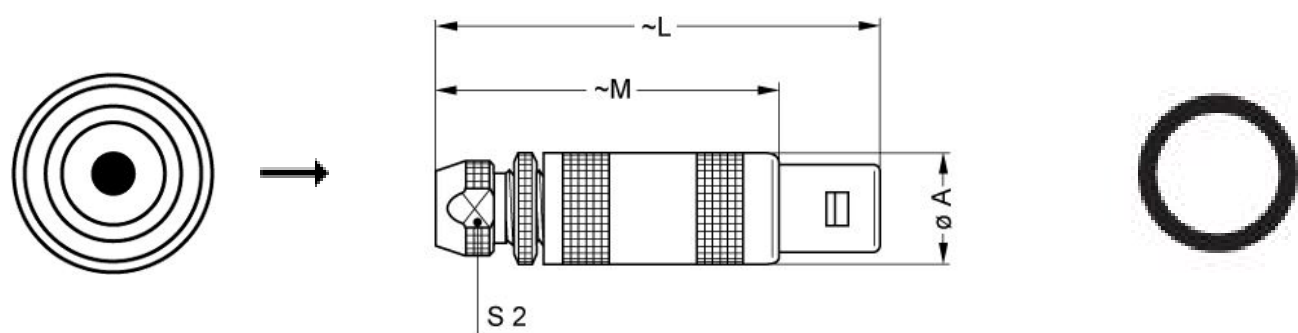
Contact Type:	Solder
Test voltage (kV DC)	6
Test voltage (kV AC)	4.2
Air clearance min.:	6.8 mm
Creepage distance min.:	7 mm

### 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

## DRAWINGS



### Dimensions

	A	L	M	S2
mm.	9	36.8	26.8	6.5
in.	0,35	1,45	1,06	0,26

## RECOMMENDED BY LEMO

### Tools

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

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