

## SUMMARY

### # Wires

High voltage 1



*Image is for illustrative purpose only*

Series 0S  
Termination type Female solder High-Voltage  
IP rating 50  
AWG wire size 30.00 - 22.00  
Cable Ø 0.00 - 0.00 mm  
Status active  
Matching parts [FFA.0S.403.CLAK52](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model ERA\*: Fixed receptacle, nut fixing  
Keying Circular, female  
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 4.40 g

### Performance

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

### Specifications

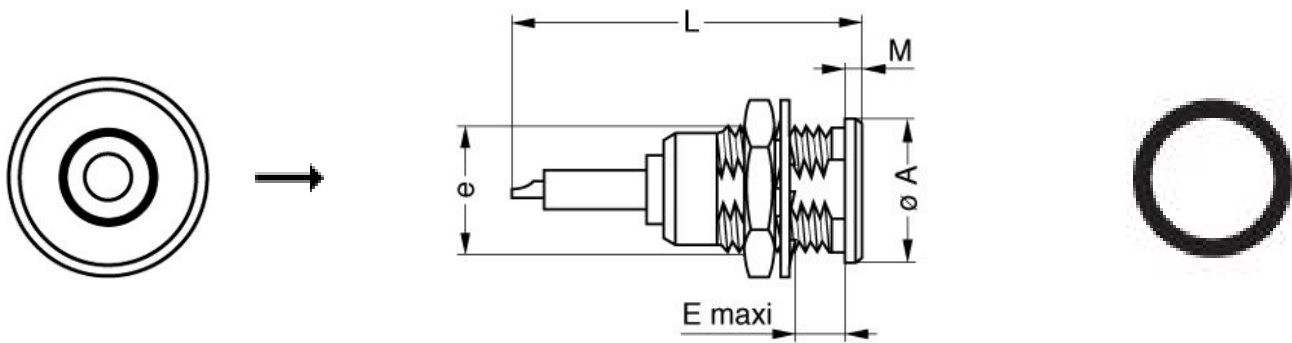
Contact Type: Solder  
Test voltage (kV DC) 6  
Test voltage (kV AC) 4.2  
Air clearance min.: 6.8 mm  
Creepage distance min.: 7 mm

### 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: >1000 hr

## DRAWINGS



### Dimensions

	A	E	L	M	e
mm.	10	7	25	1.2	M9x0.6
in.	0,39	0,28	0,98	0,05	

## RECOMMENDED BY LEMO

### Tools

Spanner wrench: [Socket for torque wrench DCM.05.M09.4](#)

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