

## SUMMARY

### # Wires

|              |   |
|--------------|---|
| High voltage | 1 |
|--------------|---|



*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          | 3.80 - 4.40 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            | 8.44 g  |

### Performance

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

### Specifications

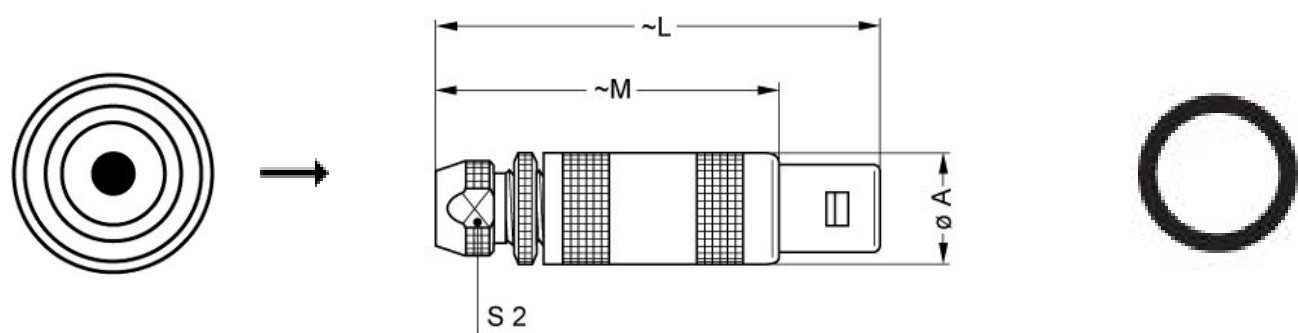
|                         |        |
|-------------------------|--------|
| Contact Type:           | Solder |
| Test voltage (kV DC)    | 6      |
| Test voltage (kV AC)    | 4.2    |
| Air clearance min.:     | 6.8 mm |
| Creepage distance min.: | 7 mm   |

### 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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