

## SUMMARY

### # Wires

Low voltage 2



*Image is for illustrative purpose only*

Series 0S  
Termination type Male solder  
IP rating 50  
AWG wire size 30.00 - 22.00  
Cable Ø 3.80 - 4.40 mm  
Status active  
Matching parts [ERA.0S.302.CLL](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model FFA\*: Straight plug, cable collet and nut for fitting a bend relief  
Keying Hermaphroditic keying (half moon insert) with male pin 1  
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 8.07 g

### Performance

Configuration 0S.302 : 2 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 10 Amps

### Specifications

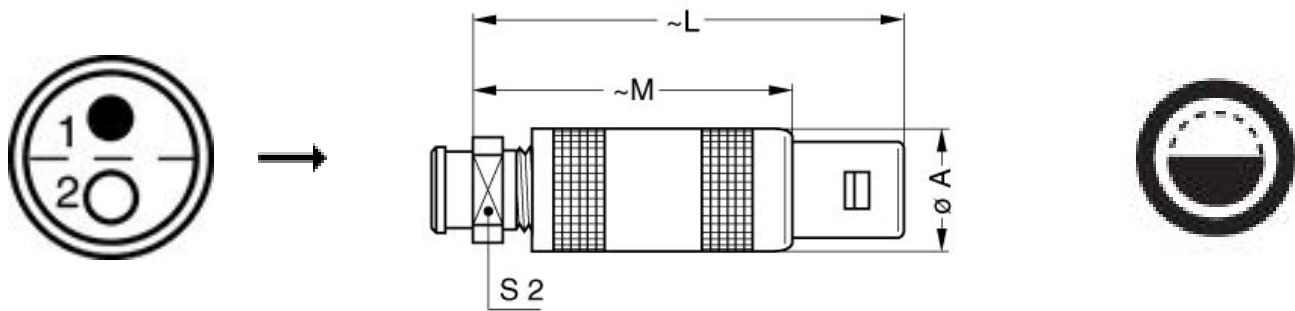
Contact Type: Solder  
Contact Dia.: 0.9 mm (0.0354in)  
Bucket Dia.: 0.8 mm (0.031in)  
Max. Solid Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
R (max): 4.8 mOhm  
Vtest: 1500 V (AC), 2100 V (DC)

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## Others

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    | 34.5 | 24.5 | 7    |
| in. | 0,35 | 1,36 | 0,96 | 0,28 |










## RECOMMENDED BY LEMO

### Tools

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

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## Cables

|        |     |        |   |
|--------|-----|--------|---|
| 120250 | PVC | Grey   |   |
| 20140  | PVC | Grey   |   |
| 20140  | PVC | Grey   |   |
| 20142  | PVC | Red    |   |
| 20143  | PVC | Green  |   |
| 20144  | PVC | Black  |   |
| 20145  | PVC | Yellow |   |
| 20146  | PVC | Black  |   |
| 20260  | PVC | Black  |  |
| 20264  | PVC | Black  |   |
| 20266  | PVC | Violet |   |
| 2280   | PVC | Black  |  |

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[FGJ.3B.308.CLLD72Z](#)