

## SUMMARY

### # Wires

Low voltage 2



Image is for illustrative purpose only

Series 0S  
Termination type Female solder  
IP rating 50  
AWG wire size 30.00 - 22.00  
Cable Ø 0.00 - 0.00 mm  
Status active  
Matching parts [FFA.0S.302.CLAC22](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model ERA\*: Fixed receptacle, nut fixing  
Keying Hermaphroditic keying (half moon insert) with female 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  
Weight 4.11 g

### Performance

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

### Specifications

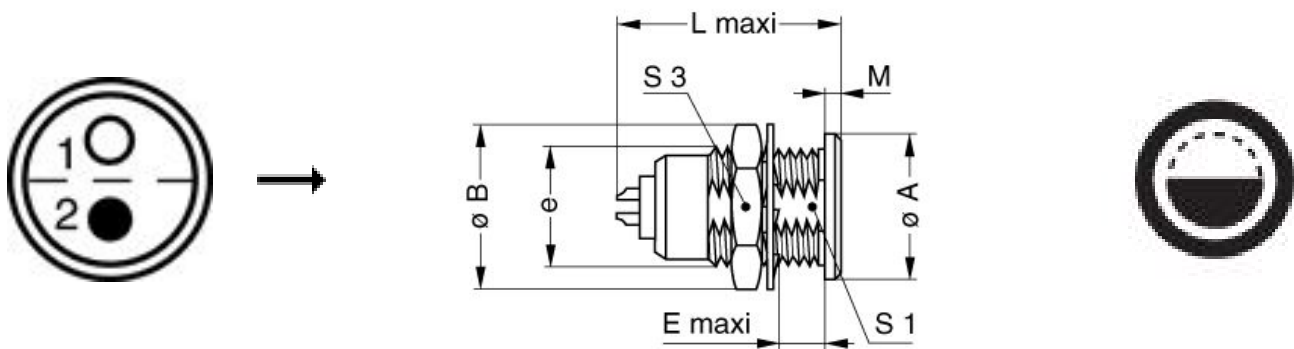
Contact Type: Solder  
Contact Dia.: 0.9 mm (0.0354in)  
Bucket Dia.: 0.8 mm (0.031in)  
Max. Solid Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
R (max): 4.8 mOhm  
Vtest: 1500 V (AC), 2100 V (DC)

### 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














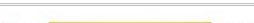











|     | A    | B    | E    | L    | M    | S1   | S3   | e      |
|-----|------|------|------|------|------|------|------|--------|
| mm. | 10   | 12.5 | 7    | 18.5 | 1.2  | 8.2  | 11   | M9x0.6 |
| in. | 0,39 | 0,49 | 0,28 | 0,73 | 0,05 | 0,32 | 0,43 |        |

## RECOMMENDED BY LEMO

### Tools

### Cables

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|                    |      |        |   |
|--------------------|------|--------|---|
| CMN.02.T28.030PGCE | PVC  | GREY   |     |
| CMN.02.T28.030PGZE |      | Grey   |    |
| CMN.02.T28.030PNCE | PVC  | Black  |     |
| CMN.02.T28.030PNZE |      |        |    |
| 102080             | PVC  | Grey   |   |
| 120184             | PVC  | Black  |     |
| 120240             | PVC  | Black  |    |
| 120250             | PVC  | Grey   |     |
| 20140              | PVC  | Grey   |     |
| 20140              | PVC  | Grey   |     |
| 20141              | PVC  | Grey   |    |
| 20142              | PVC  | Red    |     |
| 20143              | PVC  | Green  |     |
| 20144              | PVC  | Black  |     |
| 20145              | PVC  | Yellow |     |
| 20146              | PVC  | Black  |     |
| 20240              | PTFE | White  |    |
| 20260              | PVC  | Black  |  |
| 20264              | PVC  | Black  |   |
| 20266              | PVC  | Violet |   |
| 2050               | PVC  | Black  |   |
| 20550              | PUR  | Black  |  |
| 20560              | PUR  | White  |  |
| 2080               | PVC  | Grey   |   |
| 2221               | PVC  | Black  |  |
| 2260               | PTFE | White  |  |
| 2280               | PVC  | Black  |  |
| 4082               | PVC  | Grey   |   |
| CMB.02.210.635     | PUR  | Black  |   |

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