

## 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          | 5.30 - 6.20 mm                    |
| Status           | active                            |
| Alternative part | <a href="#">FFA.0S.302.CLAK62</a> |
| Matching parts   | <a href="#">ERA.0S.302.CLL</a>    |

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## TECHNICAL DETAILS

### Mechanics

|                   |                                                                                                                               |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Shell Style/Model | FFA*: Straight plug with oversize cable collet                                                                                |
| 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 |
| Weight            | 12.16 g                                                                                                                       |

### Performance

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

### Specifications

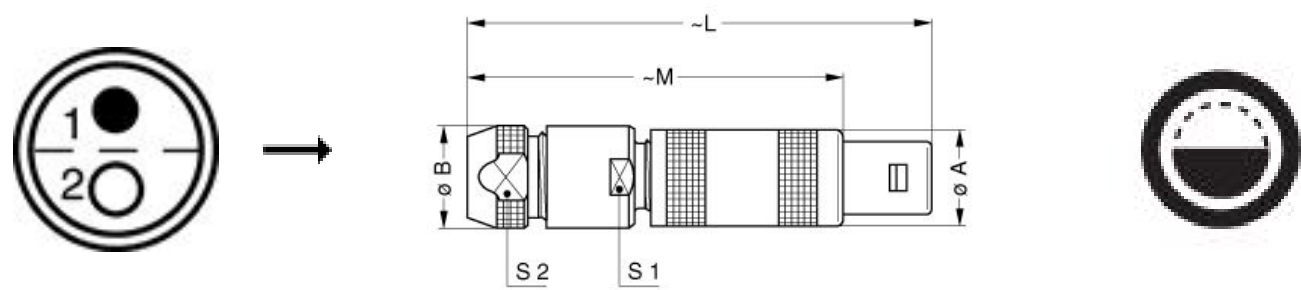
Contact Type: Solder  
Contact Dia.: 0.9 mm (0.0354in)  
Bucket Dia.: 0.8 mm (0.031in)  
Max. Solid Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
R (max): 4.8 mOhm  
Vtest: 1500 V (AC), 2100 V (DC)

### 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: >144 hr

## DRAWINGS



### Dimensions

|     | A    | B    | L    | M    | S1   | S2   |
|-----|------|------|------|------|------|------|
| mm. | 9    | 10   | 45.5 | 35.5 | 9    | 8.5  |
| in. | 0,35 | 0,39 | 1,79 | 1,40 | 0,35 | 0,33 |

## RECOMMENDED BY LEMO

### Tools

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

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Cables

|        |     |       |                                                                                    |
|--------|-----|-------|------------------------------------------------------------------------------------|
| 102080 | PVC | Grey  |                                                                                    |
| 120184 | PVC | Black |  |

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