

## SUMMARY

### # Wires

Low voltage 3



*Image is for illustrative purpose only*

|                  |                                   |
|------------------|-----------------------------------|
| Series           | 0S                                |
| Termination type | Male solder                       |
| IP rating        | 50                                |
| AWG wire size    | 32.00 - 24.00                     |
| Cable Ø          | 2.30 - 3.20 mm                    |
| Status           | active                            |
| Alternative part | <a href="#">FFA.0S.303.CLAC32</a> |
| Matching parts   | <a href="#">ERA.0S.303.CLL</a>    |

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## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | FFA*: Straight plug, 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            | 7.80 g  |

### Performance

|               |                           |
|---------------|---------------------------|
| Configuration | 0S.303 : 3 Low Voltage    |
| Insulator     | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 7 Amps                    |

### Specifications

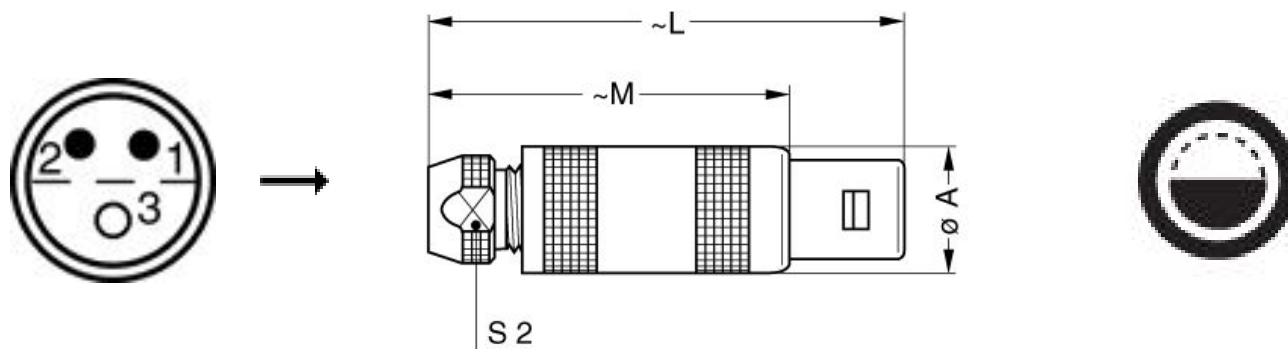
Contact Type: Solder  
Contact Dia.: 0.7 mm (0.028in)  
Bucket Dia.: 0.6 mm (0.024in)  
Max. Solid Conductor: 0.25 mm<sup>2</sup> (AWG 24)  
Max. Stranded Conductor: 0.14 mm<sup>2</sup> (AWG 26)  
R (max): 6.1 mOhm  
Vtest: 1060 V (AC), 1500 V (DC)

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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 | 6.5  |
| in. | 0,35 | 1,36 | 0,96 | 0,26 |








## RECOMMENDED BY LEMO

### Tools

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

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## Cables

|                    |     |       |   |
|--------------------|-----|-------|---|
| CMN.03.T28.031PGCE | PVC | GREY  |   |
| CMN.03.T28.031PGZE |     | Grey  |  |
| CMN.03.T28.031PNCE | PVC | Black |   |
| CMN.03.T28.031PNZE |     |       |  |
| 30141              | PVC | Grey  |  |
| 3041               | PVC | Grey  |   |
| 3050               | PVC | Black |   |
| 3081               | PVC | Black |   |

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