

## SUMMARY

### # Wires



|             |   |
|-------------|---|
| Low voltage | 4 |
|-------------|---|

*Image is for illustrative purpose only*

|                  |                                |
|------------------|--------------------------------|
| Series           | 0S                             |
| Termination type | Male solder                    |
| IP rating        | 50                             |
| AWG wire size    | 32.00 - 24.00                  |
| Cable Ø          | 5.30 - 6.20 mm                 |
| Status           | active                         |
| Matching parts   | <a href="#">ERA.0S.304.CLL</a> |

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## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | FFA*: Straight plug with oversize 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            | 12.56 g   |

### Performance

|               |                           |
|---------------|---------------------------|
| Configuration | 0S.304 : 4 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                      |

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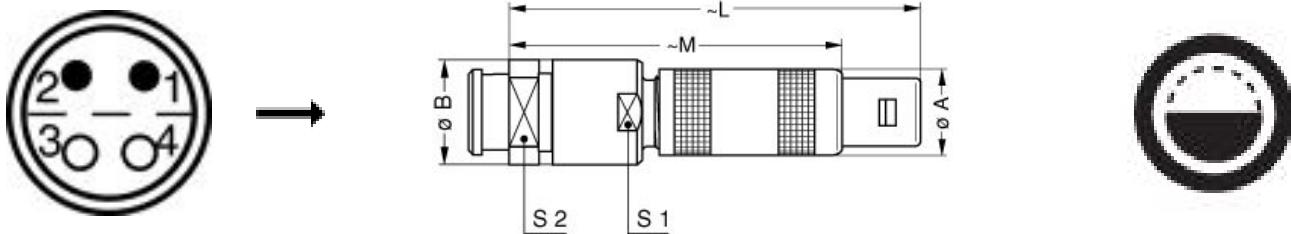
Vtest: 1060 V (AC), 1500 V (DC)

## 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

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## DRAWINGS



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## RECOMMENDED BY LEMO

### Tools

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

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