

SUMMARY

Wires

Low voltage 4

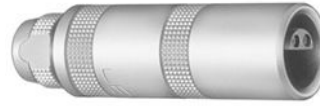


Image is for illustrative purpose only

| | |
|------------------|-----------------------------------|
| Series | 0S |
| Termination type | Female solder |
| IP rating | 50 |
| AWG wire size | 32.00 - 24.00 |
| Cable Ø | 3.80 - 4.40 mm |
| Status | active |
| Matching parts | FFA.0S.304.CLAC44 |

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | PCA*: Free receptacle, cable collet |
| 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 | 8.93 g |

Performance

| | |
|---------------|---------------------------|
| Configuration | 0S.304 : 4 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 7 Amps |

Specifications

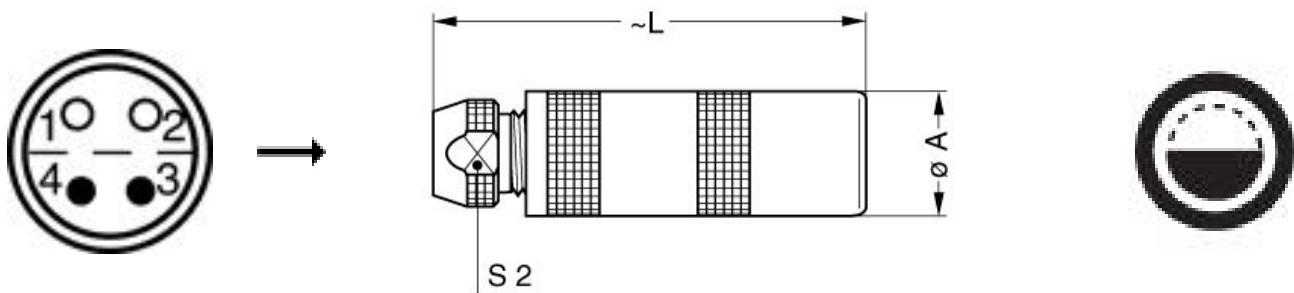
Contact Type: Solder
Contact Dia.: 0.7 mm (0.028in)
Bucket Dia.: 0.6 mm (0.024in)
Max. Solid Conductor: 0.25 mm² (AWG 24)
Max. Stranded Conductor: 0.14 mm² (AWG 26)
R (max): 6.1 mOhm
Vtest: 1060 V (AC), 1500 V (DC)

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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 | C | L | S2 |
|-----|------|------|------|------|
| mm. | 8.9 | 4.2 | 33.5 | 6.5 |
| in. | 0,35 | 0,17 | 1,32 | 0,26 |

RECOMMENDED BY LEMO

Tools

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

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Cables

| | | | |
|-------|-----|-------|---|
| 40140 | PVC | Black |  |
| 4280 | PVC | Black |  |

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