

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 3.30 - 4.20 mm
Status active

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TECHNICAL DETAILS

Mechanics

Shell Style/Model FLM*: Elbow (90°) plug with 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 10.55 g

Performance

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

Specifications

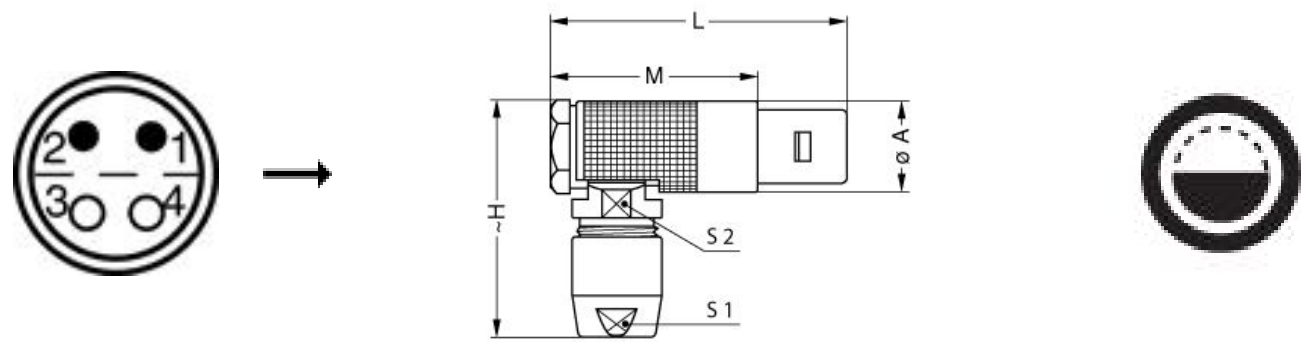
Contact Type: Solder
Contact Dia.: 0.7 mm (0.028in)
Bucket Dia.: 0.6 mm (0.024in)
Max. Solid Conductor: 0.25 mm² (AWG 24)
Max. Stranded Conductor: 0.14 mm² (AWG 26)
R (max): 6.1 mOhm
Vtest: 1060 V (AC), 1500 V (DC)

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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 | H | L | M | S1 | S2 |
|-----|------|------|------|------|------|------|
| mm. | 9.5 | 23.4 | 30 | 20 | 7 | 8 |
| in. | 0,37 | 0,92 | 1,18 | 0,79 | 0,28 | 0,31 |

RECOMMENDED BY LEMO

Tools

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Cables

| | | | |
|-------|------|-------|---|
| 40080 | PVC | Black | |
| 40086 | PVC | Blue | |
| 40140 | PVC | Black |  |
| 40240 | PTFE | White |  |
| 4260 | PTFE | White |  |

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