

SUMMARY

Wires

Low voltage 7



Image is for illustrative purpose only

Series 3E
Termination type Male solder
IP rating 68
AWG wire size 28.00 - 20.00
Cable Ø 10.10 - 10.50 mm
Status active

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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 (nickel plated [SAE AMS QQ N 290]) shell, collet nut, latch sleeve and mid pieces
Weight 71.24 g

Performance

Configuration 3E.307 : 7 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 12 Amps

Specifications

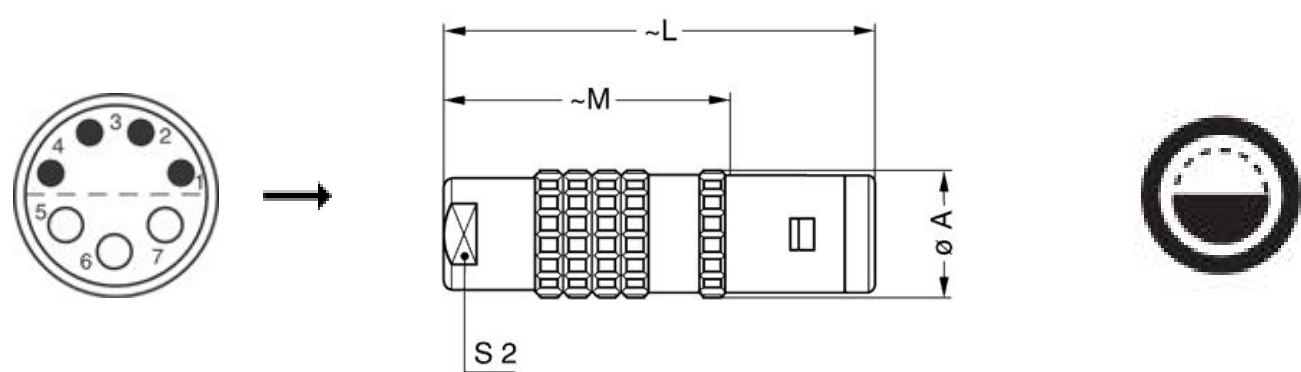
Contact Type: Solder
Contact Dia.: 1.3 mm (0.051in)
Bucket Dia.: 1 mm (0.039in)
Max. Solid Conductor: 0.5 mm² (AWG 20)
Max. Stranded Conductor: 0.5 mm² (AWG 20)
R (max): 3.6 mOhm
Vtest: 1060 V (AC), 1500 V (DC)

Others

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Endurance (Shell): 5000 mating cycles
Temp (min / max): -55°C / +200°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): 95 dB (10 MHz)
Shielding (min): 80 dB (1 GHz)
Salt Spray Corrosion: >144 hr

DRAWINGS



Dimensions

| | A | L | M | S2 |
|-----|------|------|------|------|
| mm. | 19 | 61 | 41 | 15 |
| in. | 0,75 | 2,40 | 1,61 | 0,59 |

RECOMMENDED BY LEMO

Tools

- Spanner wrench: [DCD.3E.030.PA150](#)
Caps: [BFA.3E.100.NAS](#)

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