

SUMMARY

Wires

Low voltage 2



Image is for illustrative purpose only

Series 2E
Termination type Male solder
IP rating 68
AWG wire size 24.00 - 16.00
Cable Ø 4.10 - 4.50 mm
Status active
Matching parts [ERA.2E.302.CLL](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model FFA*: Straight plug, 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 41.97 g

Performance

Configuration 2E.302 : 2 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 20 Amps

Specifications

Contact Type: Solder
Contact Dia.: 1.6 mm (0.063in)
Bucket Dia.: 1.4 mm (0.055in)
Max. Solid Conductor: 1 mm² (AWG 16)
Max. Stranded Conductor: 1 mm² (AWG 18)
R (max): 3.5 mOhm

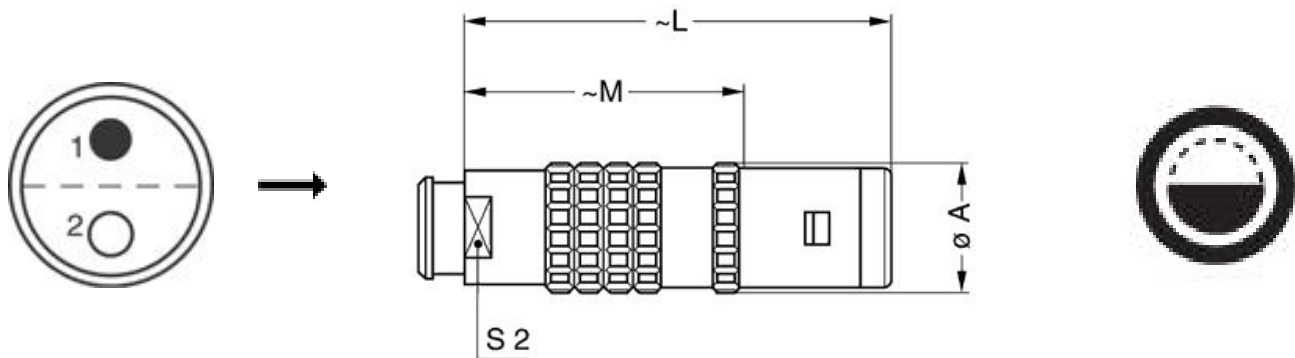
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Vtest: 1700 V (AC), 2400 V (DC)

Others

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: >1000 hr

DRAWINGS



Dimensions

| | A | L | M | S2 |
|-----|------|------|------|------|
| mm. | 16 | 52 | 36 | 12 |
| in. | 0,63 | 2,05 | 1,42 | 0,47 |

RECOMMENDED BY LEMO



Tools

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Spanner wrench: [DCD.2E.020.PA120](#)

Caps: [BFA.2E.100.NAS](#)

Cables

| | | | |
|--------|-----|-------|-------------------------------------------------------------------------------------|
| 120250 | PVC | Grey |  |
| 20260 | PVC | Black |  |

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