

SUMMARY

Wires

| | |
|-------------|---|
| Low voltage | 1 |
|-------------|---|



Image is for illustrative purpose only

| | |
|------------------|--------------------------------|
| Series | 1E |
| Termination type | Male solder |
| IP rating | 68 |
| AWG wire size | 0.00 - 0.00 |
| Cable Ø | 4.10 - 4.50 mm |
| Status | active |
| Matching parts | ERA.1E.120.CTL |

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | FFA*: Straight plug, cable collet |
| Keying | Circular, male |
| 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 | 22.98 g |

Performance

| | |
|---------------|------------------------|
| Configuration | 1E.120 : 1 Low Voltage |
| Insulator | T: PTFE |
| Rated Current | 18 Amps |

Specifications

Contact Type: Solder
Vtest: 1700 V (AC), 2400 V (DC)

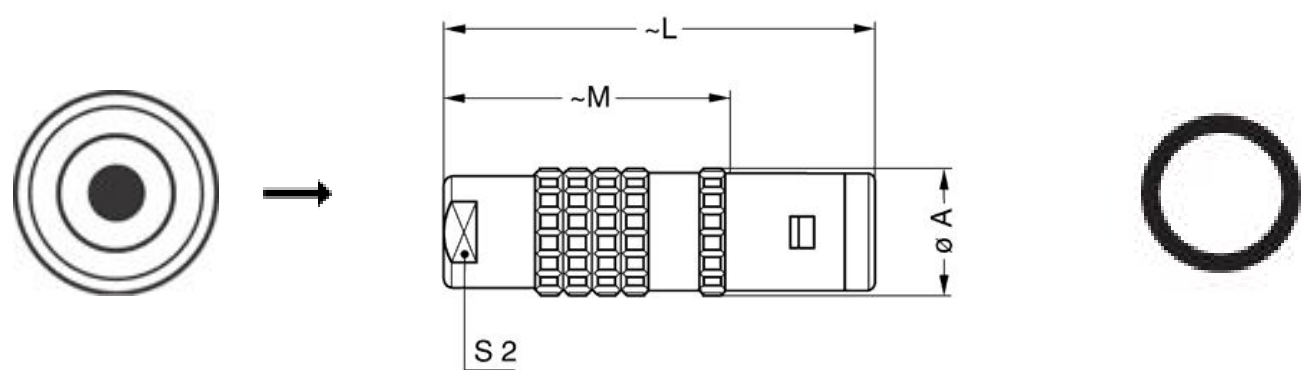
Others

Endurance (Shell): 5000 mating cycles
Temp (min / max): -55°C / +200°C
Humidity (max): <=95% [at 60 deg C / 140 F]

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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. | 13 | 42 | 28 | 9 |
| in. | 0,51 | 1,65 | 1,10 | 0,35 |

RECOMMENDED BY LEMO

Tools

- Spanner wrench: [DCD.1E.008.PA090](#)
Caps: [BFA.1E.100.NAS](#)

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