

SUMMARY

Wires

Triax 1



Image is for illustrative purpose only

| | |
|------------------|--------------------------------|
| Series | 1S |
| Termination type | Male solder |
| IP rating | 50 |
| AWG wire size | 0.00 - 0.00 |
| Cable Ø | 5.70 - 6.20 mm |
| Status | Active |
| Matching parts | ERA.1S.650.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 | 12.83 g |

Performance

| | |
|---------------|---------------------------|
| Configuration | 1S.650 : 1 Triax (50 Ohm) |
| Insulator | T: PTFE |
| Rated Current | 6 Amps |

Specifications

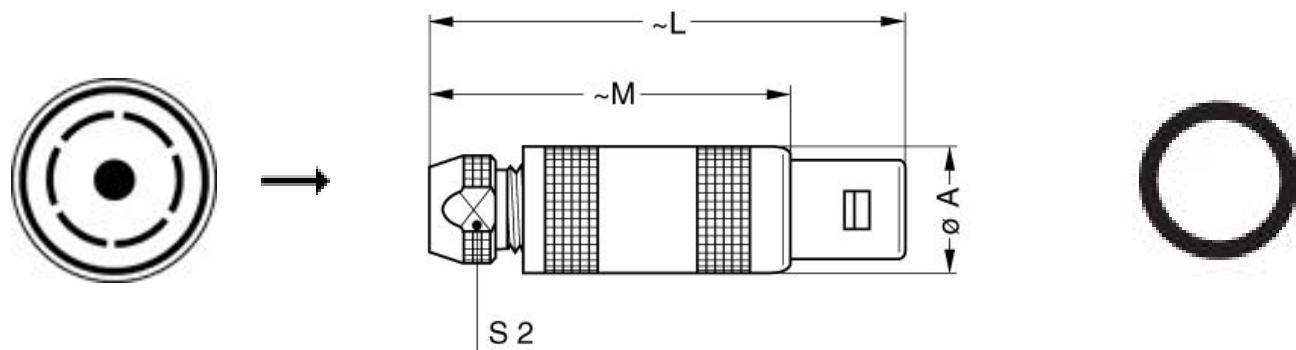
Contact Type: Triaxial 50 Ohm (Solder)
Contact Dia.: 0.9 mm (0.035in)
Vtest: 1200 V (AC), 1700 V (DC)
Impedance: 50 Ohm
VSWR: 1.01 + 0.17 * f/GHz
Cable type: RGT 178, RGT 174, Belden 9222

Others

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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 | L | M | S2 |
|-----|------|------|------|------|
| mm. | 12 | 42.5 | 31.5 | 8.5 |
| in. | 0,47 | 1,67 | 1,24 | 0,33 |

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.1S.ZZZ.PA085](#)

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