

SUMMARY

Wires

| | |
|-------|---|
| Triax | 1 |
|-------|---|



Image is for illustrative purpose only

| | |
|------------------|----------------|
| Series | OS |
| Termination type | Female solder |
| IP rating | 50 |
| AWG wire size | 0.00 - 0.00 |
| Cable Ø | 2.30 - 3.20 mm |
| Status | Active |

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | PSA*: Fixed receptacle, nut fixing, cable collet |
| Keying | Circular, female |
| 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 |

Performance

| | |
|---------------|---------------------------|
| Configuration | OS.650 : 1 Triax (50 Ohm) |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 6 Amps |

Specifications

Contact Type: Triaxial 50 Ohm (Solder)
Contact Dia.: 0.9 mm (0.035" in)
Vtest: 1200 V (AC), 1700 V (DC)
Impedance: 50 Ohm
VSWR: $1.03 + 0.34 * f / \text{GHz}$
Cable type: RGT 178, RGT 174

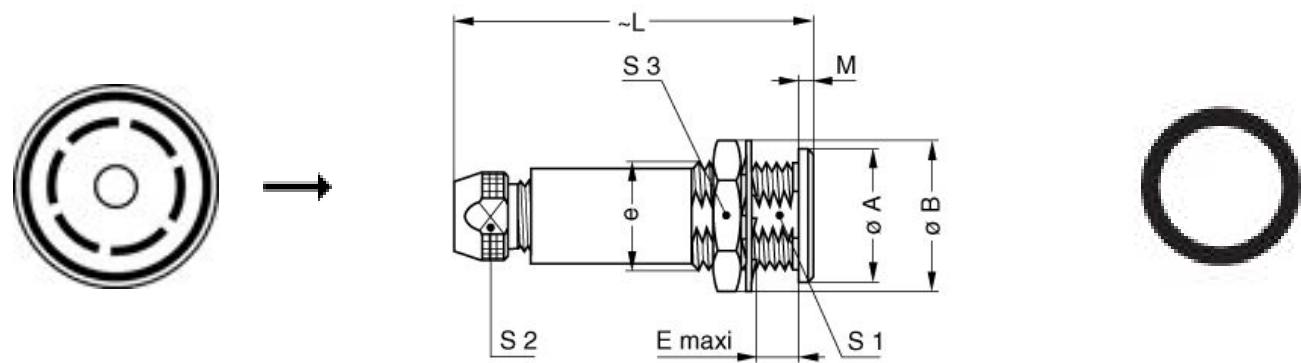
Others

Endurance (Shell): 5000 mating cycles

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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 | B | C | E | L | M | S1 | S2 | S3 | e |
|-----|------|------|------|------|------|------|------|------|------|--------|
| mm. | 10 | 12.5 | 4.2 | 7 | 33.5 | 1.2 | 8.2 | 6.5 | 11 | M9x0.6 |
| in. | 0,39 | 0,49 | 0,17 | 0,28 | 1,32 | 0,05 | 0,32 | 0,26 | 0,43 | |

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.05.ZZZ.PA065](#)

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