

SUMMARY



Image is for illustrative purpose only

Wires

| | |
|---------|---|
| Low | 0 |
| High | 0 |
| Coax | 0 |
| Triax | 1 |
| Quad | 0 |
| Fiber | 0 |
| Fluidic | 0 |

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| | |
|------------------|--------------------|
| Series | 0S |
| Termination type | Male solder |
| IP rating | 50 |
| Cable Ø | 0.00 - 0.00 mm |
| Matching parts | FFA.0S.650.CTLC42Z |
| Status | active |
| Alternative part | |

TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | ERN*: Fixed receptacle, nut fixing, with grounding tab |
| Keying | Circular (can rotate), plug has female contact(s) |
| Housing Material | Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces |
| Cable Fixing | ∅ 0 - 0 mm |
| Variant | |

Performance

| | |
|---------------|---------------------------|
| Configuration | 0S.650 : 1 Triax (50 Ohm) |
| Insulator | T: PTFE |
| Rated Current | 6 Amps |

Specifications

| | |
|---------------|--------------------------|
| Contact Type: | Triaxial 50 Ohm (Solder) |
| Max. Matings: | 1000 |
| Contact Dia.: | 0.9 mm (0.035" in) |

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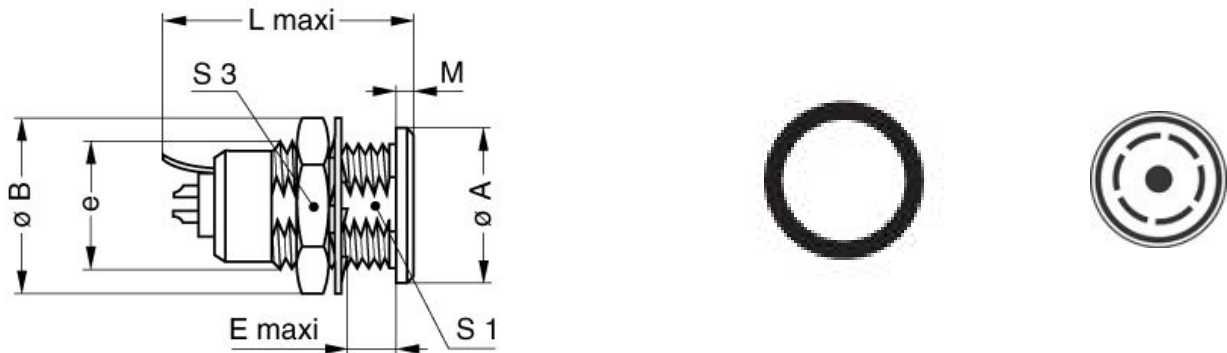
Vtest: 1200 V (AC), 1700 V (DC)
 Impedance: 50 Ohm
 VSWR: $1.03 + 0.34 * f/\text{GHz}$
 Cable type: RGT 178, RGT 174

Others

Endurance (Shell): 5000 mating cycles
 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]
 Salt Spray Corrosion: >1000 hr
 Climatical Category: 50/175/21
 Shielding (min): 75 dB (10 MHz)
 Shielding (min): 40 dB (1 GHz)
 IP Rating: 50

DRAWINGS

Draws



Dimensions

| | A | B | E | L | M | S1 | S3 | e |
|-----|------|------|------|------|------|------|------|--------|
| mm. | 10 | 12.5 | 6.4 | 19.3 | 1.8 | 8.2 | 11 | M9x0.6 |
| in. | 0,39 | 0,49 | 0,25 | 0,76 | 0,07 | 0,32 | 0,43 | |

RECOMMENDED BY LEMO

Tools

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None

Cables

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