

## SUMMARY

### # 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          | 1.30 - 2.20 mm |
| Matching parts   | ERA.OS.650.CTL |

## TECHNICAL DETAILS

### Mechanics

|                   |                                                                                             |
|-------------------|---------------------------------------------------------------------------------------------|
| Shell Style/Model | FFA*: Straight plug, cable collet                                                           |
| Keying            | Circular (can rotate), plug has male contact(s)                                             |
| Housing Material  | Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces |
| Cable Fixing      | C22: 1.3 - 2.2 mm                                                                           |
| Variant           |                                                                                             |

### Performance

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

### Specifications

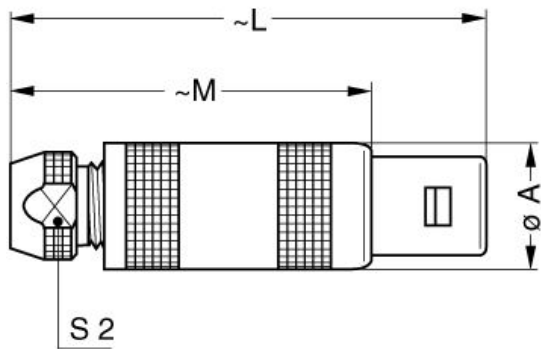
Contact Type: Triaxial 50 Ohm (Solder)  
Max. Matings: 1000  
Contact Dia.: 0.9 mm (0.035" in)  
Vtest: 1200 V (AC), 1700 V (DC)  
Impedance: 50 Ohm  
VSWR: 1.03 + 0.34 \* f /GHz  
Cable type: RGT 178, RGT 174

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: >144 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    | C    | L    | M    | S2   |
|-----|------|------|------|------|------|
| mm. | 9    | 4.2  | 34.5 | 24.5 | 6.5  |
| in. | 0,35 | 0,17 | 1,36 | 0,96 | 0,26 |

RECOMMENDED BY LEMO

Tools

Spanner wrench: MTZ.05.045.065

Cables