

## SUMMARY

### # Wires

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



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|                  |                   |
|------------------|-------------------|
| Series           | 0S                |
| Termination type | Female solder     |
| IP rating        | 50                |
| Cable Ø          | 0.00 - 0.00 mm    |
| Matching parts   | FFA.OS.650.CLAC17 |

## TECHNICAL DETAILS

### Mechanics

|                   |                                                                                             |
|-------------------|---------------------------------------------------------------------------------------------|
| Shell Style/Model | ERA*: Fixed receptacle, nut fixing                                                          |
| 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      | Ø 0 - 0 mm                                                                                  |
| Variant           |                                                                                             |

### Performance

|               |                                                          |
|---------------|----------------------------------------------------------|
| Configuration | 0S.650 : 1 Triax (50 Ohm)                                |
| Insulator     | L: PEEK (UL 94 / V-0/3.2, depends on material thickness) |
| Rated Current | 6 Amps                                                   |

### Specifications

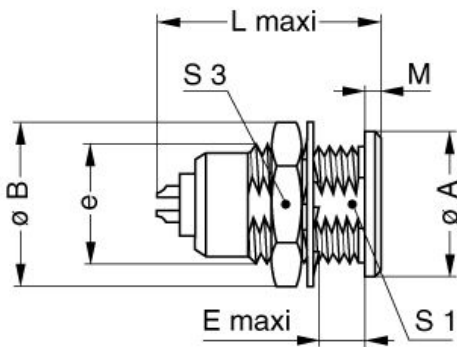
|                                        |
|----------------------------------------|
| Contact Type: Triaxial 50 Ohm (Solder) |
| Max. Matings: 1000                     |
| Contact Dia.: 0.9 mm (0.035" in)       |
| Vtest: 1200 V (AC), 1700 V (DC)        |
| Impedance: 50 Ohm                      |
| 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: >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    | L2   | M    | S1   | S3   | e      |
|-----|------|------|------|------|------|------|------|------|--------|
| mm. | 10   | 12.4 | 7    | 17.5 | 18.0 | 1.2  | 8.2  | 11   | M9x0.6 |
| in. | 0,39 | 0,49 | 0,28 | 0,69 | 0,71 | 0,05 | 0,32 | 0,43 |        |

RECOMMENDED BY LEMO

Tools

None

Cables