

## SUMMARY

### # Wires

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



*Image is for illustrative purpose only*

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### Series

|                  |                |
|------------------|----------------|
| Termination type | Male solder    |
| IP rating        | 50             |
| Cable Ø          | 3.30 - 4.10 mm |
| Matching parts   | ERA.0S.650.CLL |
| Status           | active         |

Alternative part

## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | FFA*: Straight plug, cable collet and nut for fitting a bend relief                         |
| 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      | ∅ 3.3 - 4.1 mm  |
| Variant           | Z : Nut for fitting a bend relief   |

### 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)       |

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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

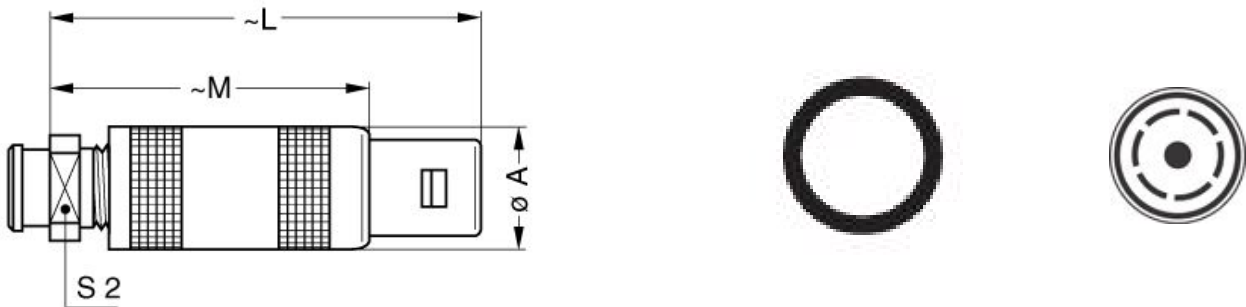
## Others

Humidity (max):  $\leq 95\%$  [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

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## DRAWINGS

### Draws



### Dimensions

|     | A    | L    | M    | S2   |
|-----|------|------|------|------|
| mm. | 9    | 34.5 | 24.5 | 7    |
| in. | 0,35 | 1,36 | 0,96 | 0,28 |

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## RECOMMENDED BY LEMO

### Tools

Spanner wrench: DCD.05.005.PA065

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## Cables

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