

## SUMMARY

### # Wires

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



*Image is for illustrative purpose only*

|                  |                                   |
|------------------|-----------------------------------|
| Series           | 1S                                |
| Termination type | Female solder                     |
| IP rating        | 50                                |
| AWG wire size    | 0.00 - 0.00                       |
| Cable Ø          | 0.00 - 0.00 mm                    |
| Status           | active                            |
| Matching parts   | <a href="#">FFA.1S.650.CLAC47</a> |

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## TECHNICAL DETAILS

### Mechanics

|                   |                                                                                                                               |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Shell Style/Model | ERA*: Fixed receptacle, nut fixing                                                                                            |
| 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 |
| Weight            | 9.43 g                                                                                                                        |

### Performance

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

### Specifications

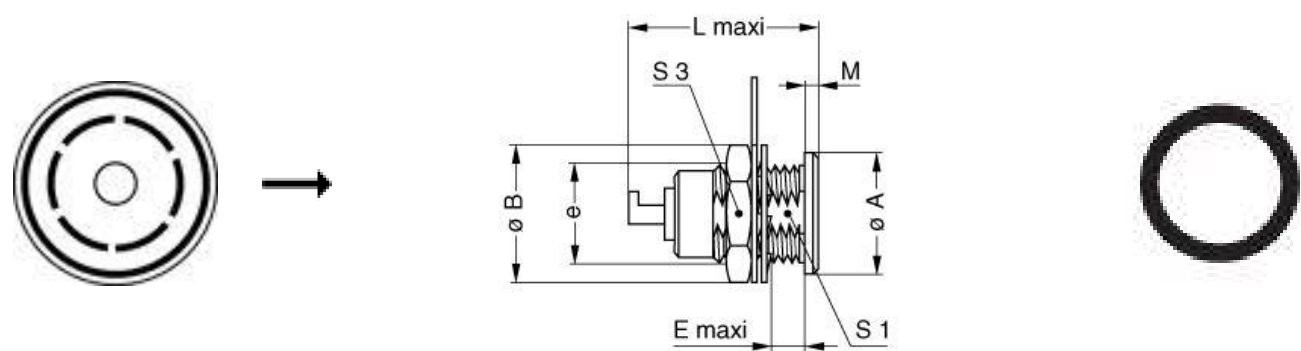
Contact Type: Triaxial 50 Ohm (Solder)  
Contact Dia.: 0.9 mm (0.034in)  
Vtest: 1200 V (AC), 1700 V (DC)  
Impedance: 50 Ohm  
VSWR:  $1.01 + 0.17 * f / \text{GHz}$   
Cable type: RGT 178, RGT 174, Belden 9222

### Others

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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]  
Climatical Category: 50/175/21  
Shielding (min): 75 dB (10 MHz)  
Shielding (min): 40 dB (1 GHz)  
Salt Spray Corrosion: >1000 hr

## DRAWINGS



### Dimensions

|     | A    | B    | E    | L    | M    | S1   | S3   | e       |
|-----|------|------|------|------|------|------|------|---------|
| mm. | 14   | 16   | 7    | 23   | 1.5  | 10.5 | 14   | M12x1.0 |
| in. | 0,55 | 0,63 | 0,28 | 0,91 | 0,06 | 0,41 | 0,55 |         |

## RECOMMENDED BY LEMO

### Tools

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