

## SUMMARY

### # Wires

Triax 1



*Image is for illustrative purpose only*

Series 1E  
Termination type Female solder  
IP rating 68  
AWG wire size 0.00 - 0.00  
Cable Ø 0.00 - 0.00 mm  
Status active  
Matching parts [FFA.1E.650.CLAC40](#)

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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 19.91 g

### Performance

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

### Specifications

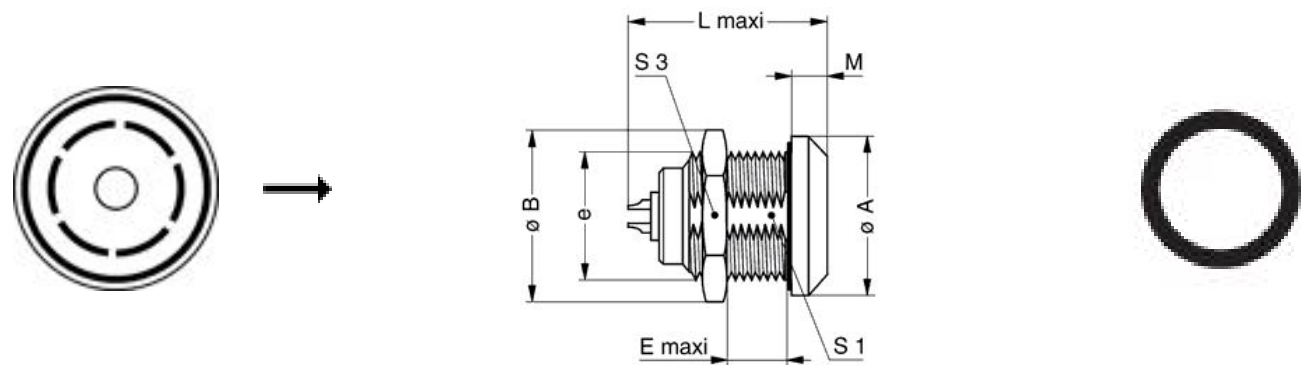
Contact Type: Solder  
Vtest: 1200 V (AC), 1690 V (DC)  
Impedance: 50 Ohm  
VSWR:  $1.01 + 0.17 * f / \text{GHz}$   
Cable type: RGT 178, RGT 174, Belden 9222

### Others

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Endurance (Shell): 5000 mating cycles  
Temp (min / max): -55°C / +200°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): 95 dB (10 MHz)  
Shielding (min): 80 dB (1 GHz)  
Salt Spray Corrosion: >1000 hr

## DRAWINGS



### Dimensions

|     | A    | B    | E    | L    | L1   | M    | S1   | S3   | e       |
|-----|------|------|------|------|------|------|------|------|---------|
| mm. | 20   | 21.5 | 9    | 24   | 25.3 | 4.5  | 14.5 | 19   | M16x1.0 |
| in. | 0,79 | 0,85 | 0,35 | 0,94 | 1,00 | 0,18 | 0,57 | 0,75 |         |

## RECOMMENDED BY LEMO

### Tools

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