

## SUMMARY

### # Wires

Triax 1



Image is for illustrative purpose only

Series 0S  
Termination type Female solder  
IP rating 50  
AWG wire size 0.00 - 0.00  
Cable Ø 3.80 - 4.40 mm  
Status Active  
Alternative part [PCA.0S.650.CTLC44Z](#)  
Matching parts [FFA.0S.650.CTAC42Z](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model PCA\*: Free receptacle, cable collet and nut for fitting a bend relief  
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  
Variant Z : Nut for fitting a bend relief  
Weight 9.31 g

### Performance

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

### Specifications

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

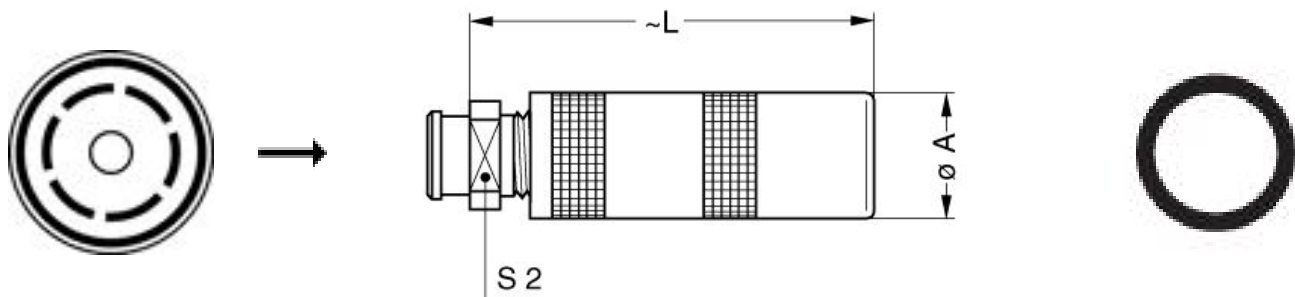
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## Others

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]  
Climatical Category: 50/175/21  
Shielding (min): 75 dB (10 MHz)  
Shielding (min): 40 dB (1 GHz)  
Salt Spray Corrosion: >144 hr

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## DRAWINGS



## Dimensions

	A	L	S2
mm.	8.9	33.5	7
in.	0,35	1,32	0,28

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## RECOMMENDED BY LEMO

### Tools

Spanner wrench: [DCD.0S.ZZZ.PA065](#)

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