

## SUMMARY

### # Wires

Triax	1
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*Image is for illustrative purpose only*

Series	0S
Termination type	Male solder
IP rating	50
AWG wire size	0.00 - 0.00
Cable Ø	5.30 - 6.20 mm
Status	Active
Matching parts	<a href="#">ERA.0S.650.CTL</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FFA*: Straight plug with oversize cable collet
Keying	Circular, male
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

### 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

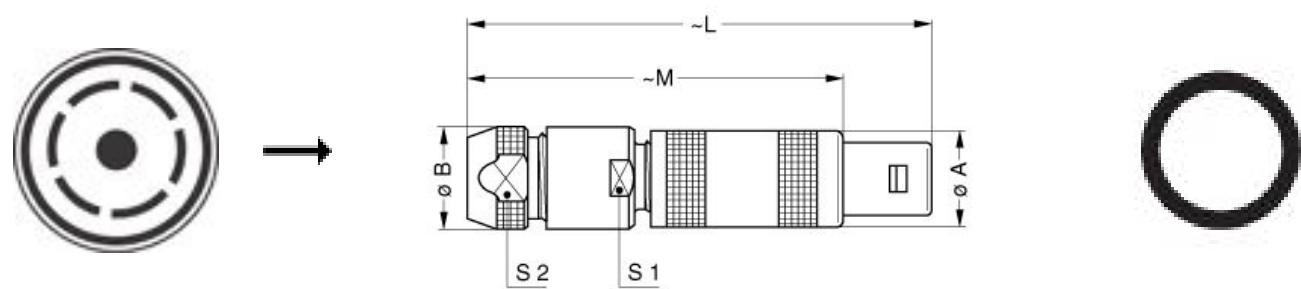
### Others

Endurance (Shell): 5000 mating cycles

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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

## DRAWINGS



### Dimensions

	A	B	L	M	S1	S2
mm.	9	10	45.5	35.5	9	8.5
in.	0,35	0,39	1,79	1,40	0,35	0,33

## RECOMMENDED BY LEMO

### Tools

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

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