

SUMMARY

Wires

Triax 1



Image is for illustrative purpose only

Series 1S
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.1S.650.CLAC47](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model EWB*: Fixed receptacle, nut fixing, with two flats on the flange, watertight or vacuum-tight
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 PV : Watertight / Vacuum-tested
Weight 20.94 g

Performance

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

Specifications

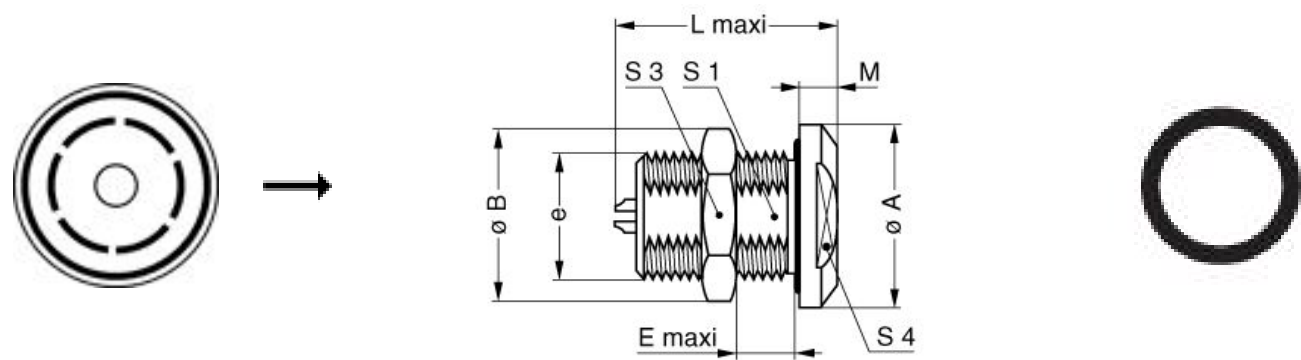
Contact Type: Triaxial 50 Ohm (Solder)
Contact Dia.: 0.9 mm (0.034in)
Vtest: 1200 V (AC), 1700 V (DC)
Impedance: 50 Ohm
VSWR: 1.01 + 0.17 * f /GHz
Cable type: RGT 178, RGT 174, Belden 9222

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Others

Endurance (Shell): 5000 mating cycles
Temp (min / max): -20°C / +100°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: 20/80/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
R leak (He) (max): 0.0000001 mbar*l/s (if vacuum-tested)
Salt Spray Corrosion: >1000 hr
Pressure: 60 bars

DRAWINGS



Dimensions

	A	B	E	L	M	S1	S3	S4	e
mm.	20	19.5	15.5	25.5	4	12.5	17	16	M14x1.0
in.	0,79	0,77	0,61	1,00	0,16	0,49	0,67	0,63	

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Tools

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