

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

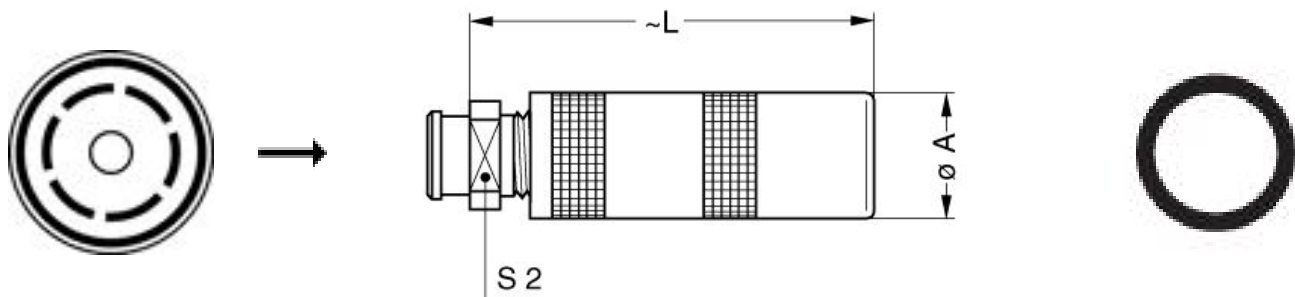
Contact Type: Triaxial 50 Ohm (Solder)
Contact Dia.: 0.9 mm (0.035" in)
Vtest: 1200 V (AC), 1700 V (DC)
Impedance: 50 Ohm
VSWR: 1.03 + 0.34 * f /GHz
Cable type: RGT 178, RGT 174

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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

DRAWINGS



Dimensions

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

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.05.005.PA065](#)

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Cables

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