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PCA.1S.650.CTLC52Z

SUMMARY

Wires

Triax	**1**

Image is for illustrative purpose only

Series	1S
Termination type	Female solder
IP rating	50
AWG wire size	0.00 - 0.00
Cable Ø	4.20 - 5.20 mm
Status	active
Matching parts	FFA.1S.650.CTAC52Z

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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	20.65 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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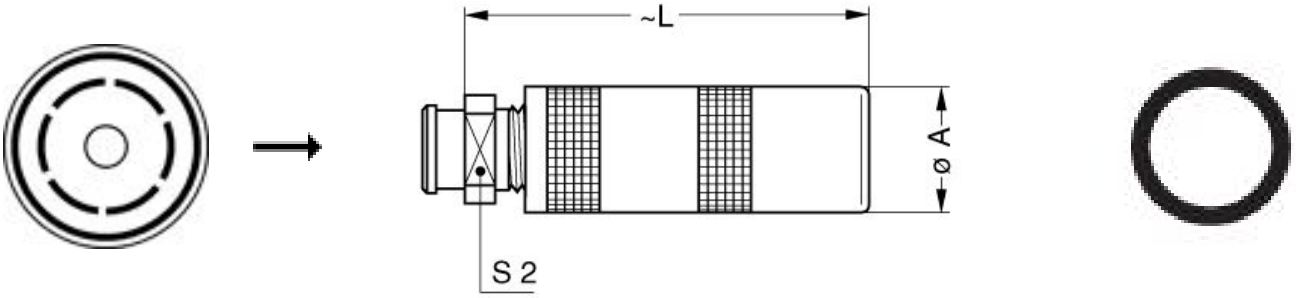
Others

Endurance (Shell): 5000 mating cycles
Temp (min / max): -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.	11.9	40.5	9
in.	0,47	1,59	0,35

RECOMMENDED BY LEMO

Tools

Spanner wrench: DCD.1B.015.PA090

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