

SUMMARY

Wires

Coax	1
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Image is for illustrative purpose only

Series	0S
Termination type	Female solder Coaxial
IP rating	50
AWG wire size	0.00 - 0.00
Cable Ø	3.80 - 4.40 mm
Status	Active
Alternative part	PCA.0S.250.CTLC44
Matching parts	FFA.0S.250.CTAC42

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PCA*: Free receptacle, cable collet
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
Weight	8.66 g

Performance

Configuration	0S.250 : 1 Coax (50 Ohm)
Insulator	T: PTFE
Rated Current	6 Amps

Specifications

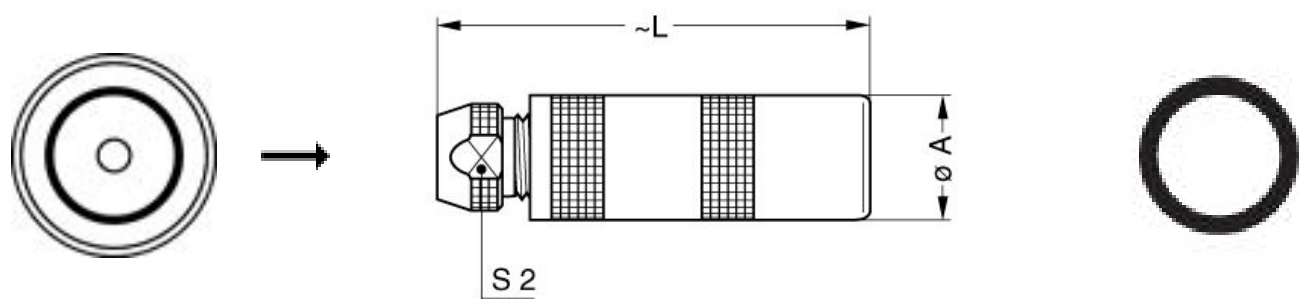
Contact Type: Coaxial 50 Ohm (Solder)
Contact Dia.: 0.9 mm (0.035in)
Bucket Dia.: 1 mm (0.039in)
Vtest: 3000 V (AC), 4200 V (DC)
Impedance: 50 Ohm
VSWR: 1.02 + 0.25 * f /GHz
Cable type: RG 178 B/U, RG 196 A/U, RG 188 A/U, RG 316 B/U, RG 174 A/U, HF-2114, RG 122 /U

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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	C	L	S2
mm.	8.9	4.2	33.5	6.5
in.	0,35	0,17	1,32	0,26

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.05.ZZZ.PA065](#)

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