

SUMMARY

Wires

Coax 1



Image is for illustrative purpose only

Series 1S
Termination type Male solder Coaxial
IP rating 50
AWG wire size 0.00 - 0.00
Cable Ø 8.20 - 8.70 mm
Status active
Matching parts [ERA.1S.250.CLL](#)

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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 1S.250 : 1 Coax (50 Ohm)
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 12 Amps

Specifications

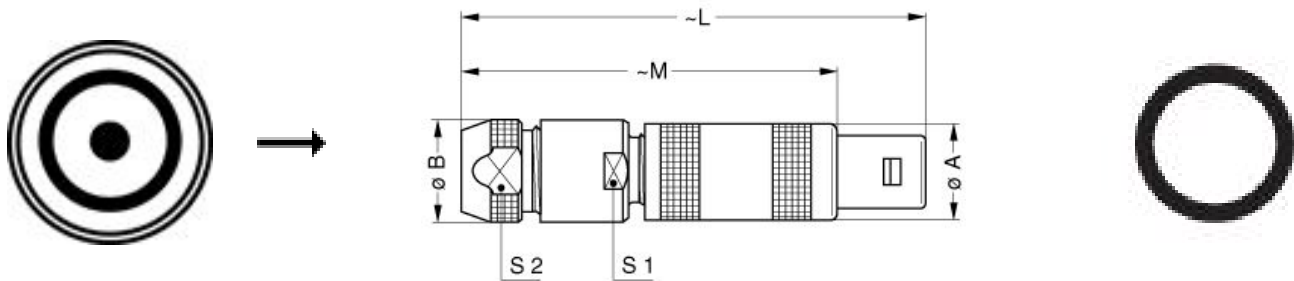
Contact Type: Coaxial 50 Ohm (Solder)
Contact Dia.: 1.6 mm (0.063in)
Bucket Dia.: 1.4 mm (0.055in)
Vtest: 3000 V (AC), 4200 V (DC)
Impedance: 50 Ohm
VSWR: 1.01 + 0.23 * f /GHz
Cable type: RG 178 B/U, RG 196 A/U, RG 188 A/U, RG 316 B/U, RG 174 A/U, HF-2114, RG 122 /U

Others

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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	B	L	M	S1	S2
mm.	12	13	57	46	12	11
in.	0,47	0,51	2,24	1,81	0,47	0,43

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.1S.015.PA085](#)

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