

SUMMARY

Wires

Coax 1



Image is for illustrative purpose only

Series 1S
Termination type Female solder Coaxial
IP rating 50
AWG wire size 0.00 - 0.00
Cable Ø 5.90 - 6.50 mm
Status active
Matching parts [FFA.1S.250.CTAC66](#)

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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 19.63 g

Performance

Configuration 1S.250 : 1 Coax (50 Ohm)
Insulator T: PTFE
Rated Current 12 Amps

Specifications

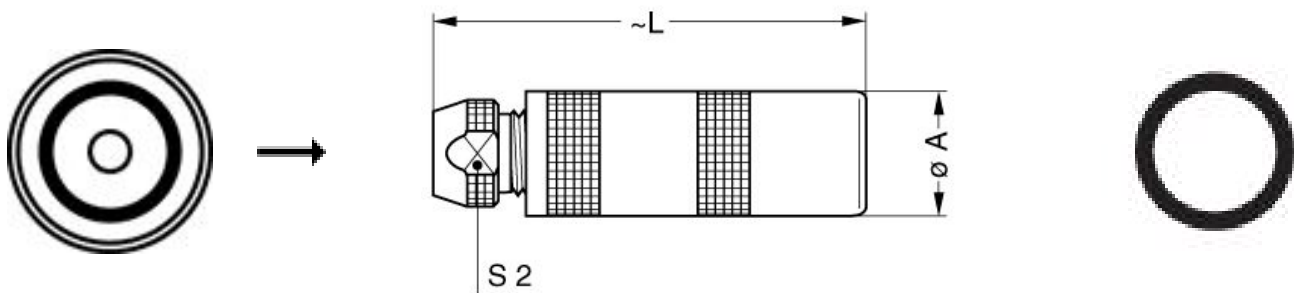
Contact Type: Coaxial 50 Ohm (Solder)
Contact Dia.: 1.6 mm (0.063in)
Bucket Dia.: 1.4 mm (0.055in)
Vtest: 3000 V (AC), 4200 V (DC)
Impedance: 50 Ohm
VSWR: 1.01 + 0.23 * f/GHz
Cable type: RG 178 B/U, RG 196 A/U, RG 188 A/U, RG 316 B/U, RG 174 A/U, HF-2114, RG 122 /U

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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. | 11.9 | 6.2 | 40.5 | 8.5 |
| in. | 0,47 | 0,24 | 1,59 | 0,33 |

RECOMMENDED BY LEMO

Tools

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

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Cables

| | | | |
|--------------------|-----|--------|--|
| 159580 | PVC | Black | |
| 62000 | PVC | Black | |
| CCX.50.RG0.58AU61J | PVC | Yellow | |
| CCX.75.RG0.59BU62N | PVC | Black | |
| CCX.93.RG0.62AU62N | PVC | Black | |

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