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# PSA.1S.250.CTLC66

## **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 PSA\*: Fixed receptacle, nut fixing, 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

#### **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

### **Others**

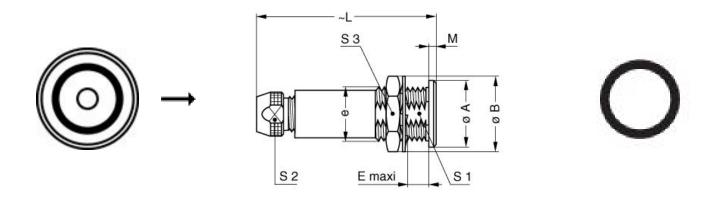
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Endurance (Shell): 5000 mating cycles Temp (min / max): -55°C / +250°C

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	В	С	E	L	М	<b>S</b> 1	S2	<b>S</b> 3	e
mm.	14	16	6.2	7.5	40.5	1.5	10.5	8.5	14	M12x1.0
in.	0,55	0,63	0,24	0,30	1,59	0,06	0,41	0,33	0,55	

# **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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