

PRODUCT SPECIFICATIONS

SMA Straight Plug Crimp for RG 174 or RG 316 or RG 188 or LMR 100 cable

40190108005020



Electrical

Impedance	50 Ω
Frequency Range	DC-12.4 GHz
V.S.W.R	1.27 max. @6 GHz 1.4 max. @12.4 GHz
Insertion Loss	0.15 dB max.@6GHz
Voltage Rating	250 volts rms. at sea level
Dielectric Withstanding Voltage	750 volts rms. at sea level
Insulation Resistance	5000 Megohms min.
Contact Resistance	Center contact = 3.0 Milliohms max. Outer contact = 2.0 Milliohms max.
Power Handling	125W

Mechanical

Mechanical	1/4"-36 Threaded coupling
Durability	500 Cycles
Cable Retention	15 lbs min.
Center Contact Retention	6 lbs min. Axial force
Coupling Proof Torque	15 in-lbs min.
Recommended Coupling Torque	7~10 inch-lbs

Material

Connector Body	Brass, Stainless steel
Center Contact	Brass
Insulation	PTFE

Environmental

Temperature	-65°C to 165°C
Vibration	Refer to MIL-STD-202 Method 204 Test Cond. D.
Salt Spray	Refer to MIL-STD-202 Method 101 Test Cond. B.

Related Documents

Assembly Instructions	CM-03
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Test Report

S11 FORWARD REFLECTION

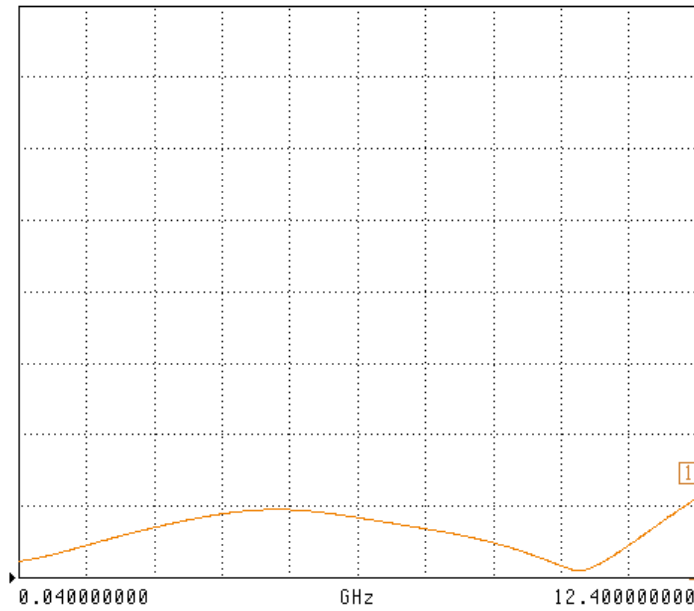
FGT

CH 1 - S11
0.0000 mm REF
0.000 dB OFFSET
0.00° OFFSET

SWR

REF=1.000 U

100.000 mU/DIV



MARKER 1
12.400000000 GHz
1.110 U

▶ MARKER TO MAX
MARKER TO MIN

MARKER READOUT
FUNCTIONS