

PRODUCT SPECIFICATIONS

Mini DIN Connectors

Straight 4.1/9.5 Plug to N Jack Adapter

40111105900001 (59-02-TSWB)



Electrical

Impedance	50 Ω
Frequency Range	DC to 11 GHz
V.S.W.R	1.1 max. @3 GHz
	1.25 max. @7.5 GHz
Insertion Loss	0.3 dB max.
Voltage Rating	1,000 volts rms. at sea level
Dielectric Withstanding Voltage	2,500 volts rms. at sea level
Insulation Resistance	5,000 Megohms min.
Contact Resistance	Center contact = 2.5 Milliohms max.
	Outer contact = 2.5 Milliohms max.
Power Handling	1200W

Mechanical

Mechanical	5/8"-24 Threaded / M20xP1.0 Threaded
Durability	500 Cycles
Center contact retention	17.6 lbs Axial force mating end
Torque	15 in-lbs min.
Recommended Torques	6~10 inch-lbs

Material

Connector Body	Brass
Center Contact	Beryllium Copper
Insulation	PTFE
Gasket	Silicone

Environmental

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

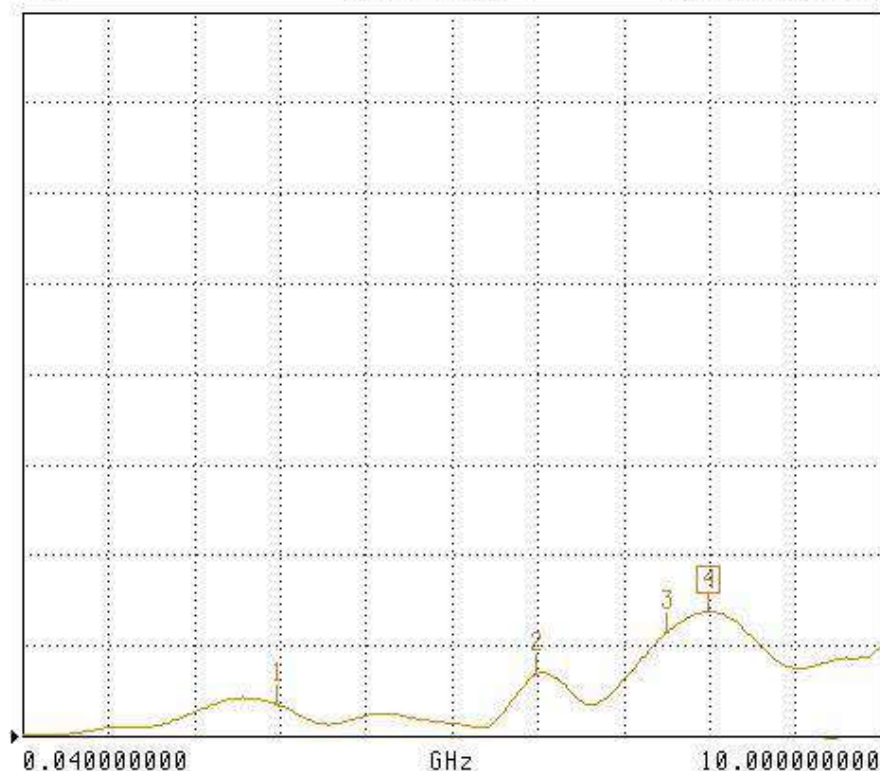
Test Report

S11 FORWARD REFLECTION

SWR

REF=1.000 U

100.000 mU/DIV



CH 3 - S11
0.0000 mm REF
0.000 dB OFFSET
0.00° OFFSET

MARKER 4
8.000000000 GHz
1.138 U

MARKER TO MAX
MARKER TO MIN

1 3.000000000 GHz
1.035 U
2 6.000000000 GHz
1.069 U
3 7.520000000 GHz
1.115 U

MARKER READOUT
FUNCTIONS