

PRODUCT SPECIFICATIONS

Low PIM N Straight Square Flange Jack Receptacle (Exposed Teflon)

40610208500003(61-21-TGWB)



Electrical

Impedance	50 Ω
Frequency Range	DC to 11 GHz
V.S.W.R	1.1 max. @6 GHz
	1.3 max. @11 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 = 1.0 Milliohms max.
	Outer contact = 1.0 Milliohms max.
Power Handling	1200W

Mechanical

Mechanical	5/8"-24 Threaded coupling
Durability	500 Cycles
Center contact retention	6 lbs Axial force mating end

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

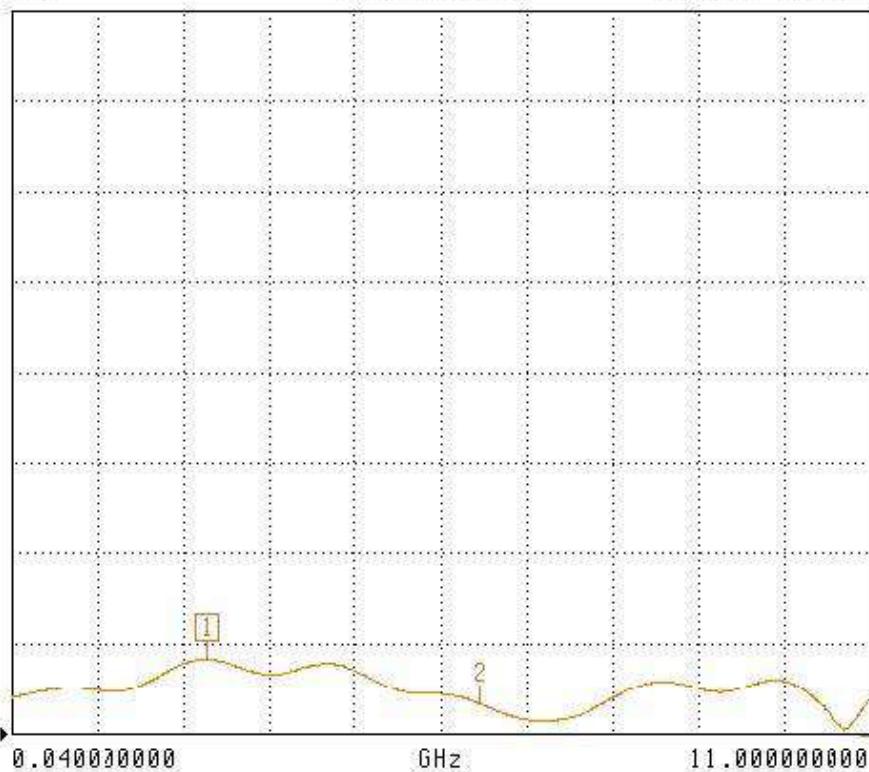
S11 FORWARD REFLECTION

FGT

SWR

REF=1.000 U

100.000 mU/DIV



CH 3 - S11

0.0000 mm REF

0.000 dB OFFSET

0.00° OFFSET

MARKER 1

2.533400000 GHz

1.083 U

▶ MARKER TO MAX

MARKER TO MIN

2 6.013200000 GHz

1.033 U

MARKER READOUT
FUNCTIONS