

PRODUCT SPECIFICATIONS

SMA Right Angle PCB Mount Jack Receptacle

40190408300015



Electrical

Impedance	50 Ω
Frequency Range	DC-18 GHz
V.S.W.R	1.29 Max.@12.4GHz 1.4 Max.@18GHz
Insertion Loss	0.15 dB Max.@6GHz
Voltage Rating	335 volts rms. at sea level
Dielectric Withstanding Voltage	1000 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	220W

Mechanical

Mechanical	1/4"-36 Threaded coupling
Durability	500 Cycles
Center Contact Retention	6 lbs Min. Axial force

Material

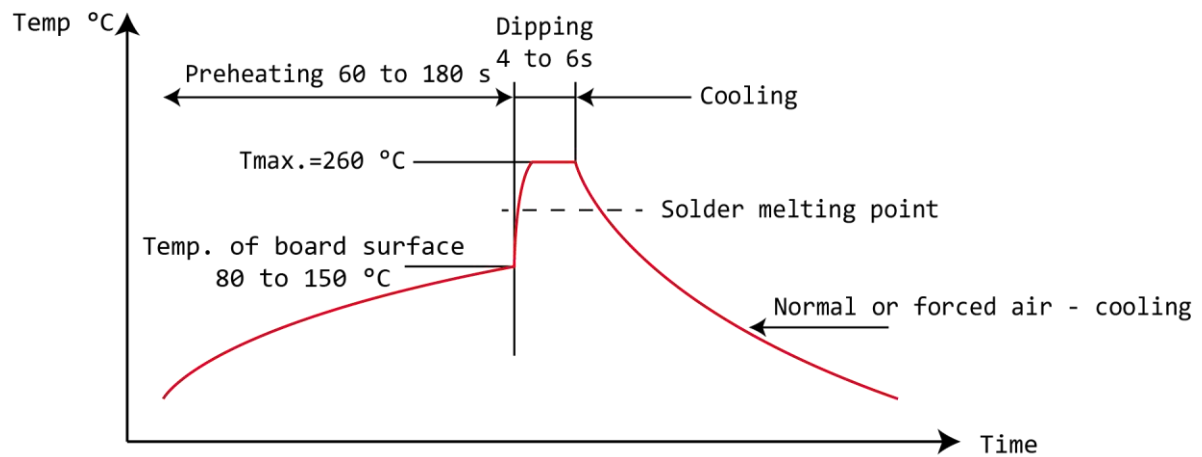
Connector Body	Brass
Center Contact	Beryllium Copper
Insulation	PTFE

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.

Recommended Soldering Conditions

Wavesolder

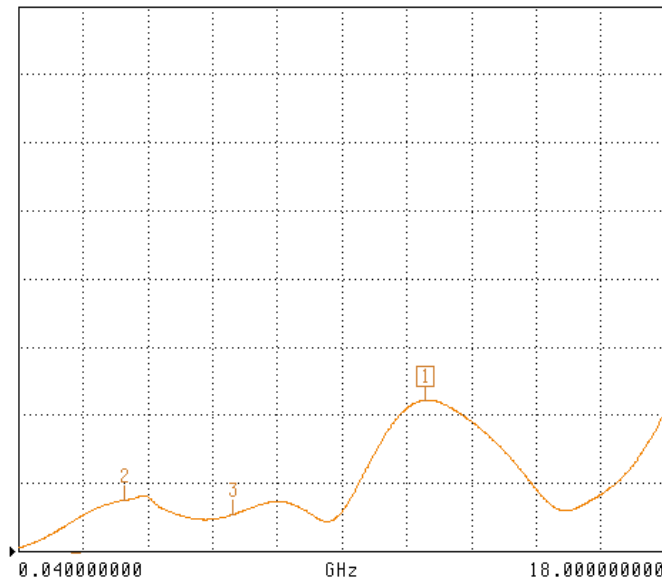


Recommended temperature profile of solder dipping

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 1
11.332350000 GHz
1.221 U

▶ MARKER TO MAX
MARKER TO MIN

2 3.003400000 GHz
1.075 U

3 5.989250000 GHz
1.053 U

MARKER READOUT
FUNCTIONS