

PRODUCT SPECIFICATIONS

6G_75ohm Connectors

1.0/2.3 Right Angle Bulkhead PCB Mount Jack Receptacle

[40470408300001\(47-07-3-TGG\)](#)



Electrical

Impedance	75 Ω
Frequency Range	DC to 6 GHz
V.S.W.R	1.3 max. @6 GHz
Voltage Rating	250 volts rms. at sea level
Dielectric Withstanding Voltage	750 volts rms. at sea level
Insulation Resistance	1,000 Megohms min.
Contact Resistance	Center contact = 3.0 Milliohms max. Outer contact = 6.0 Milliohms max.
Power Handling	80W

Mechanical

Mechanical	"Push Pull" snap-on coupling
Durability	500 Cycles
Center contact retention	2.2 lbs Axial force mating end
Panel nut	10~12 inch-lbs

Material

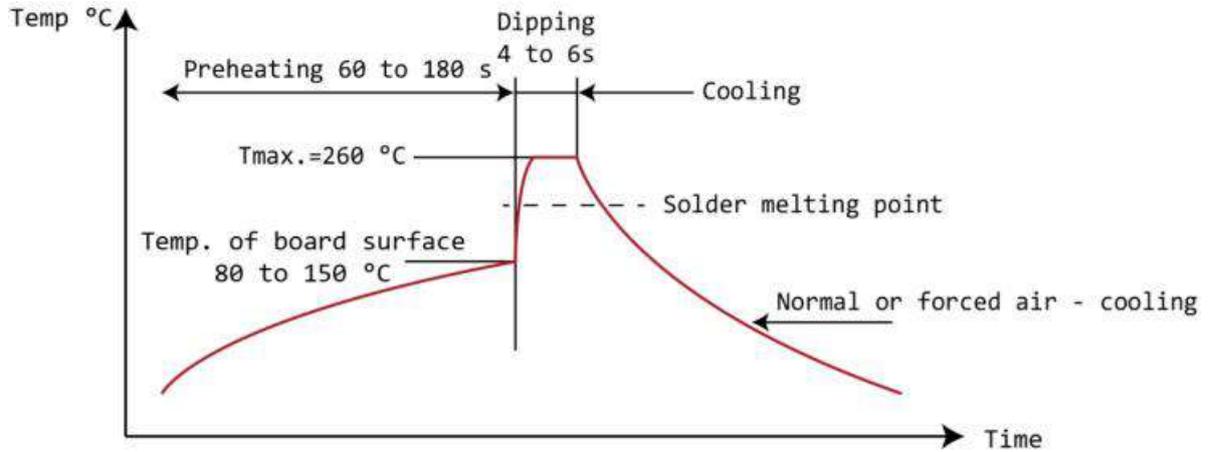
Connector Body	Brass
Center Contact	Beryllium Copper
Insulation	PTFE

Environmental

Temperature	-55°C to 125°C
Vibration	Refer to MIL-STD-202 Method 204 Test Cond. B.
Salt Spray	Refer to MIL-STD-202 Method 101 Test Cond. B.

Recommended Soldering Conditions

Wavesolder

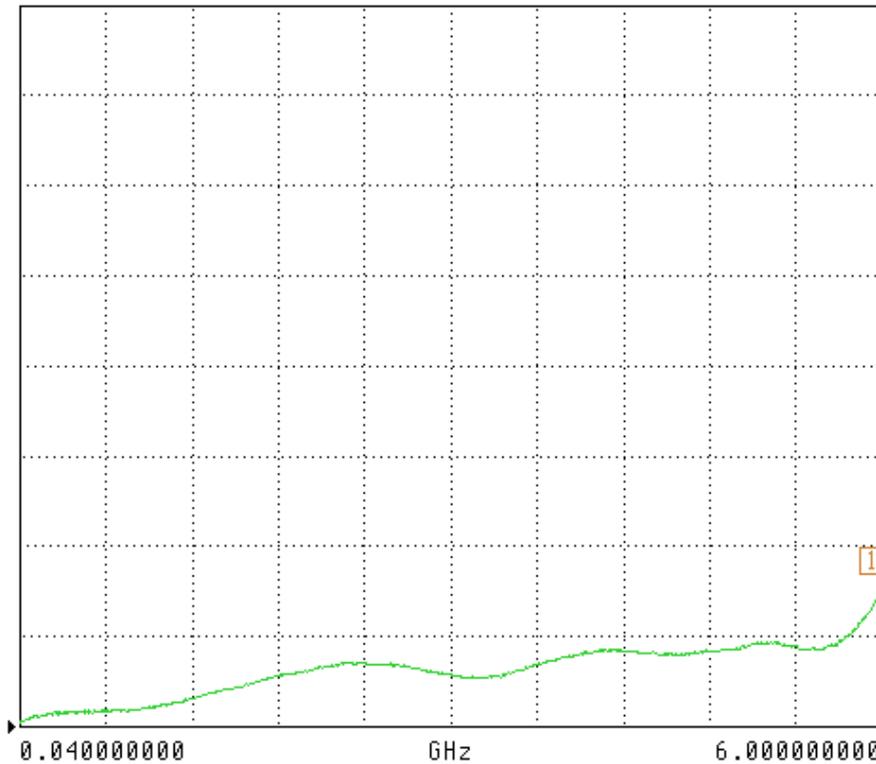


Recommended temperature profile of solder dipping

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
 6.000000000 GHz
 1.149 U

▶ MARKER TO MAX
 MARKER TO MIN

MARKER READOUT
 FUNCTIONS