

PRODUCT SPECIFICATIONS

SSMB Right Angle PCB Mount Jack Receptacle

40460408300003



Electrical

Impedance	50 Ω
Frequency Range	DC-12.4 GHz
	1.15 Max. @3GHz
V.S.W.R	1.25 Max. @6GHz
	1.52 Max. @12.4GHz
Insertion Loss	0.3 dB Max. @4GHz
Voltage Rating	250 volts rms. at sea level
Dielectric Withstanding Voltage	500 volts rms. at sea level
Insulation Resistance	1000 Megohms Min.
Contact Resistance	Center contact = 4.0 Milliohms Max. Outer contact = 1.0 Milliohms Max.
Power Handling	125W

Mechanical

Mechanical	Snap-on coupling
Durability	500 Cycles
Center Contact Retention	2 lbs Min. Axial force

Material

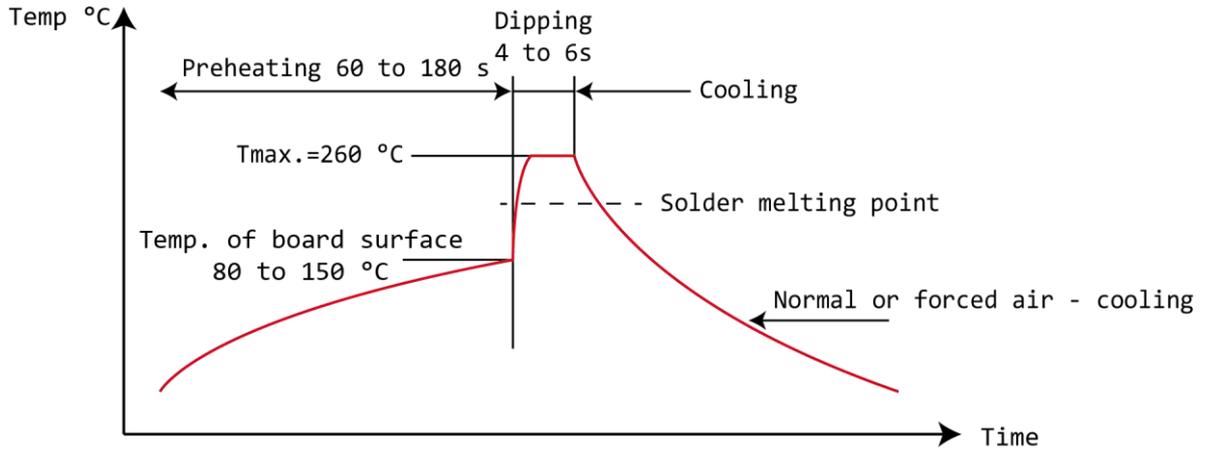
Connector Body	Brass
Center Contact	Beryllium Copper
Insulation	PTFE

Environmental

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

Recommended Soldering Conditions

Wavesolder

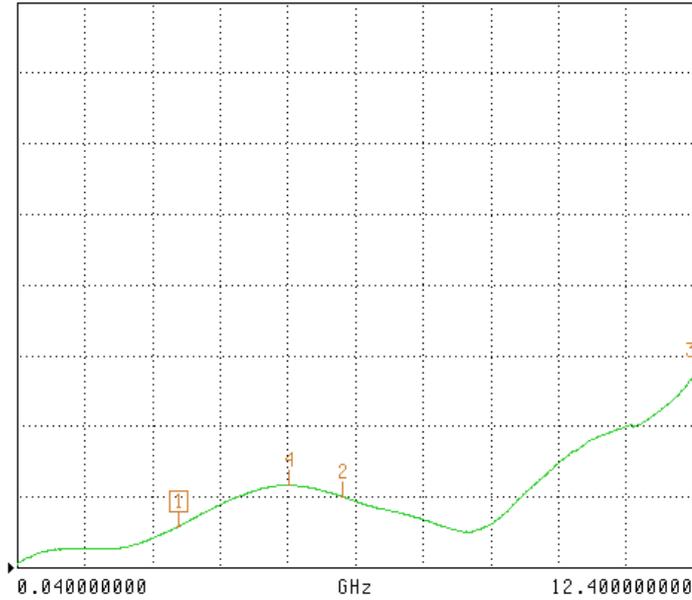


Recommended temperature profile of solder dipping

Test Report

S11 FORWARD REFLECTION

SWR ▶REF=1.000 U 100.000 mU/DIV



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

▶MARKER 1
3.006400000 GHz
1.058 U

MARKER TO MAX
MARKER TO MIN

2 6.003700000 GHz
1.100 U

3 12.400000000 GHz
1.271 U

4 5.014900000 GHz
1.116 U

MARKER READOUT
FUNCTIONS