

# PRODUCT SPECIFICATIONS

## SSMB Straight PCB Mount Jack Receptacle

40460208300003



### Electrical

Impedance	50 $\Omega$
Frequency Range	DC-12.4 GHz
V.S.W.R	1.1 Max. @6 GHz 1.4 Max. @12.4 GHz
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

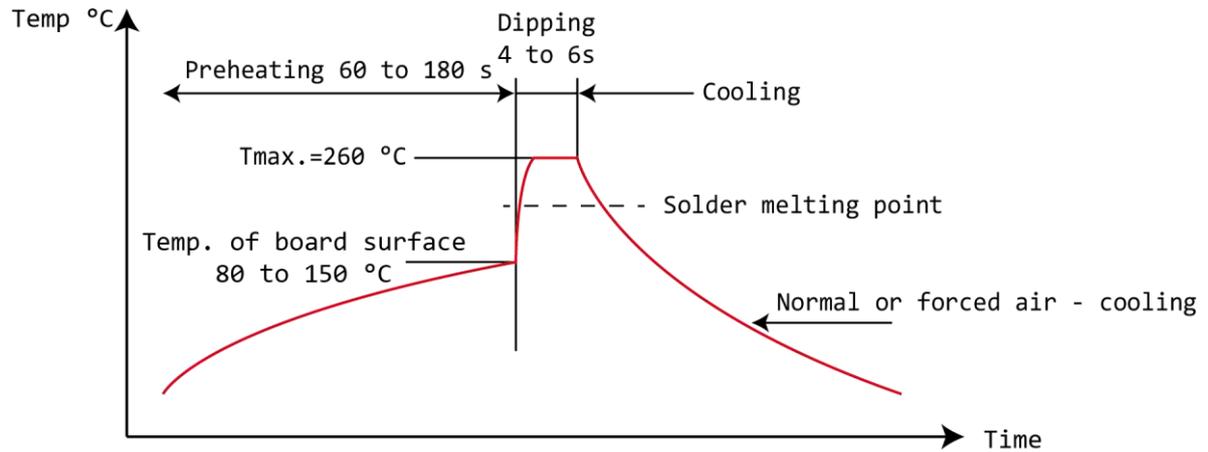
Connector Body	Brass
Center Contact	Beryllium Copper
Insulation	PTFE

### 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

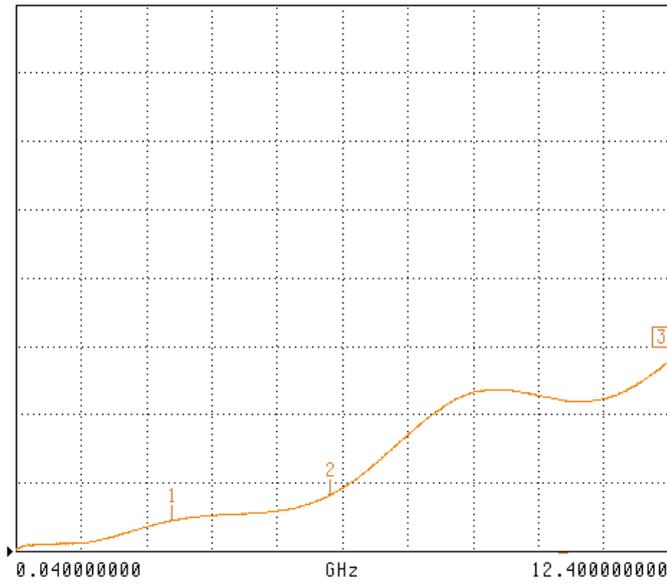


Recommended temperature profile of solder dipping

# 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 3  
12.400000000 GHz  
1.277 U

▶ MARKER TO MAX  
MARKER TO MIN

1 3.006400000 GHz  
1.044 U  
2 6.003700000 GHz  
1.082 U

MARKER READOUT  
FUNCTIONS