

PRODUCT SPECIFICATIONS

SMB Straight PCB Mount Jack Receptacle

40240208300019



Electrical

Impedance	50 Ω
Frequency Range	DC-4 GHz
V.S.W.R	1.22 Max.
Insertion Loss	0.2 dB Max.
Voltage Rating	335 volts rms. at sea level
Dielectric Withstanding Voltage	1000 volts rms. at sea level
Insulation Resistance	1000 Megohms Min.
Contact Resistance	Center contact = 6.0 Milliohms Max. Outer contact = 1.0 Milliohms Max.
Power Handling	220W

Mechanical

Mechanical	Snap-on coupling
Durability	500 Cycles
Center Contact Retention	4 lbs Min. Axial force

Material

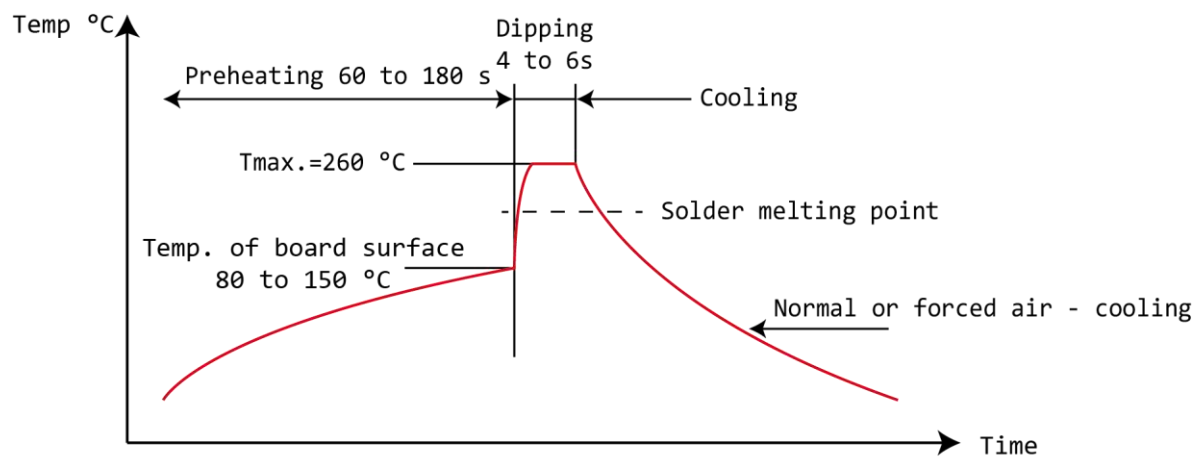
Connector Body	Brass
Center Contact	Brass
Insulation	PTFE

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

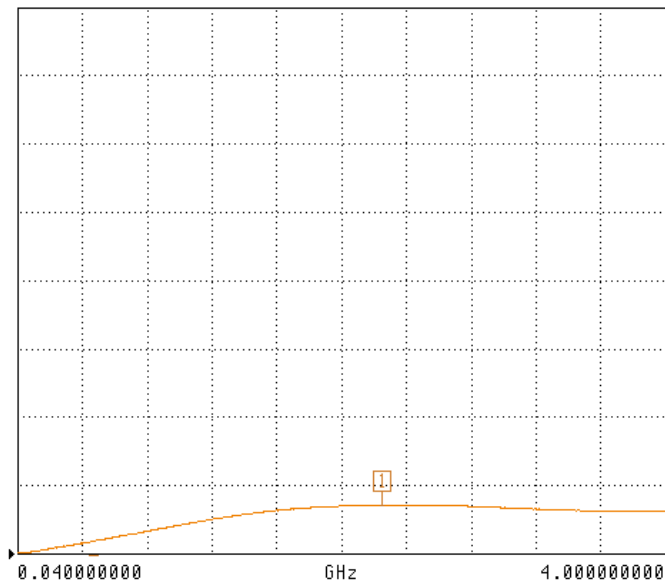
Test Report

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
2.267500000 GHz
1.071 U

MARKER TO MAX
MARKER TO MIN

MARKER READOUT
FUNCTIONS