

# PRODUCT SPECIFICATIONS

## BNC Right Angle PCB Mount Jack Receptacle

40130408300030



### Electrical

Impedance	50 Ω
Frequency Range	DC-4 GHz
V.S.W.R	1.3 Max.
Insertion Loss	0.3 dB Max.@3GHz
Voltage Rating	500 volts rms. at sea level
Dielectric Withstanding Voltage	1500 volts rms. at sea level
Insulation Resistance	5000 Megohms Min.
Contact Resistance	Center contact = 1.5 Milliohms Max. Outer contact = 0.2 Milliohms Max.
Power Handling	500W

### Mechanical

Mechanical	Bayonet locking
Durability	500 Cycles
Center Contact Retention	6 lbs Min. Axial force

### Material

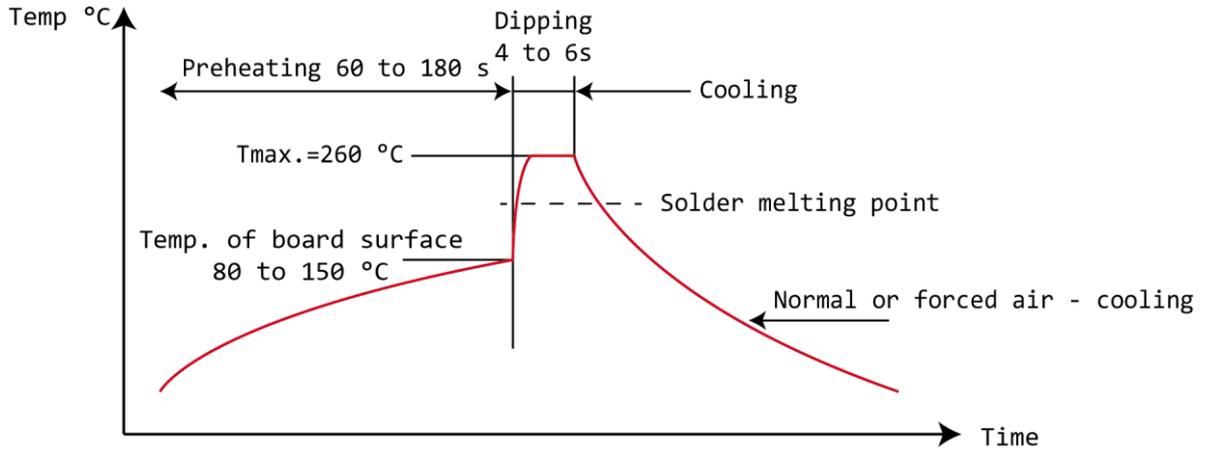
Connector Body	Brass
Center Contact	Beryllium Copper
Insulation	PTFE

### Environmental

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

# Recommended Soldering Conditions

Wavesolder

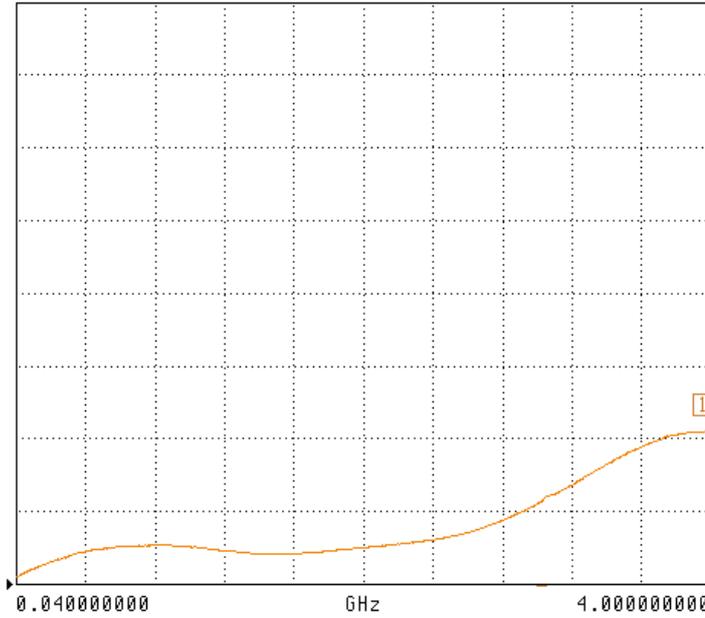


Recommended temperature profile of solder dipping

# 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  
3.980200000 GHz  
1.211 U

▶ MARKER TO MAX  
MARKER TO MIN

MARKER READOUT  
FUNCTIONS