

PRODUCT SPECIFICATIONS

BNC Straight PCB Mount Jack Receptacle

40130208300042



Electrical

Impedance	50 Ω
Frequency Range	DC-4 GHz
V.S.W.R	1.3 Max.
Insertion Loss	0.2 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

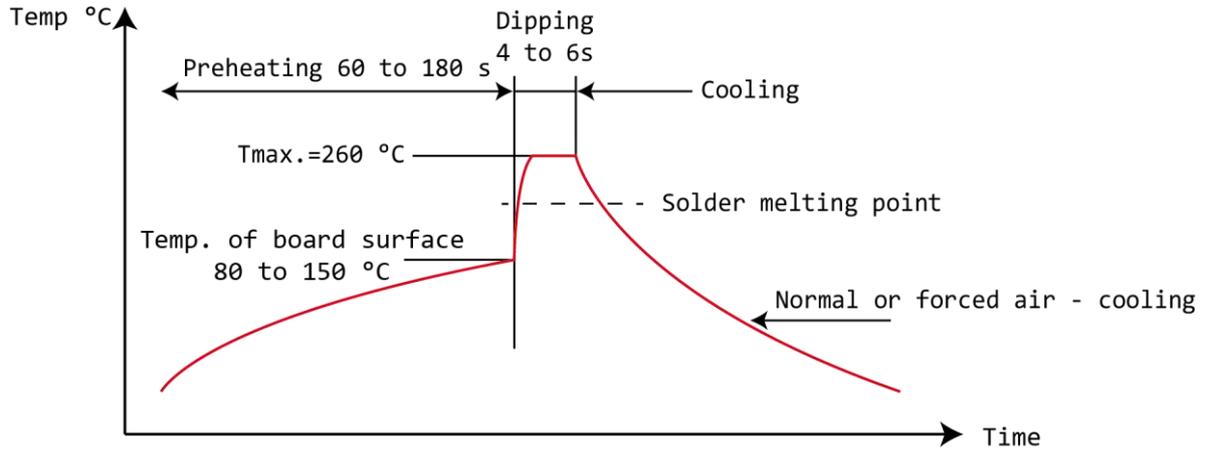
Connector Body	Brass
Center Contact	Beryllium Copper
Insulation	PTFE

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

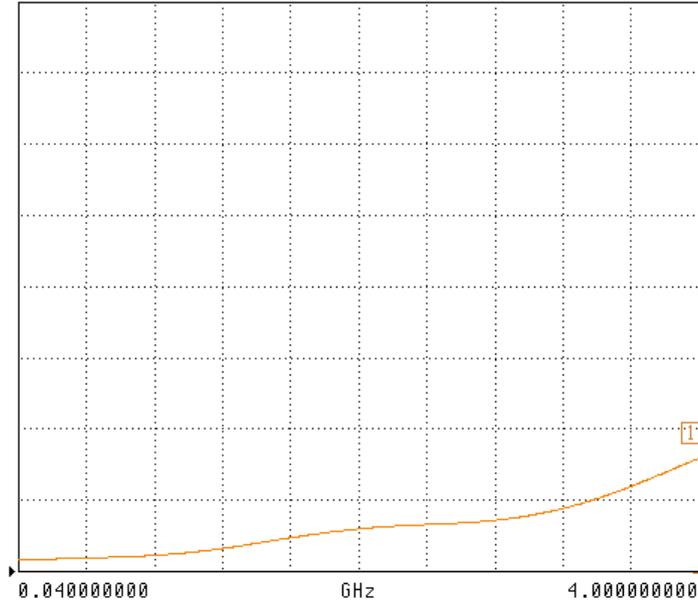
FGT

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

SWR

REF=1.000 U

100.000 mU/DIV



MARKER 1
4.000000000 GHz
1.158 U

MARKER TO MAX
MARKER TO MIN

MARKER READOUT
FUNCTIONS