

PRODUCT SPECIFICATIONS

SMA Straight End Launch Jack Receptacle

40190208300042



Electrical

Impedance	50 Ω
Frequency Range	DC-18 GHz
V.S.W.R	1.23 Max.
Insertion Loss	0.15 dB Max.@6GHz
Voltage Rating	335 volts rms. at sea level
Dielectric Withstanding Voltage	1000 volts rms. at sea level
Insulation Resistance	5000 Megohms Min.
Contact Resistance	Center contact = 3.0 Milliohms Max. Outer contact = 2.0 Milliohms Max.
Power Handling	220W

Mechanical

Mechanical	1/4"-36 Threaded coupling
Durability	500 Cycles
Center Contact Retention	6 lbs Min. Axial force

Material

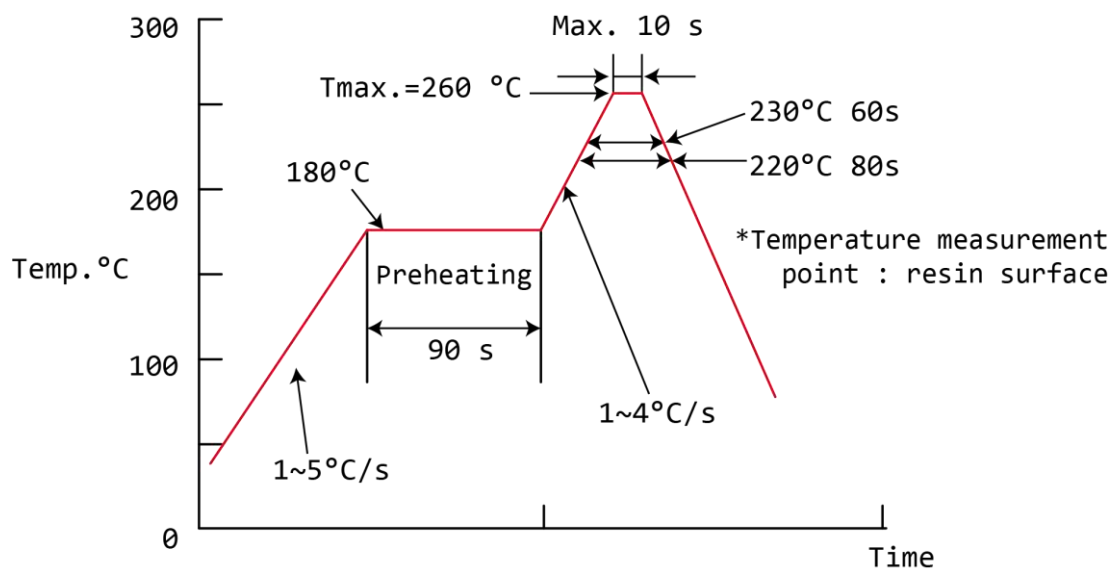
Connector Body	Brass
Center Contact	Beryllium Copper
Insulation	PTFE

Environmental

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

Recommended Soldering Conditions

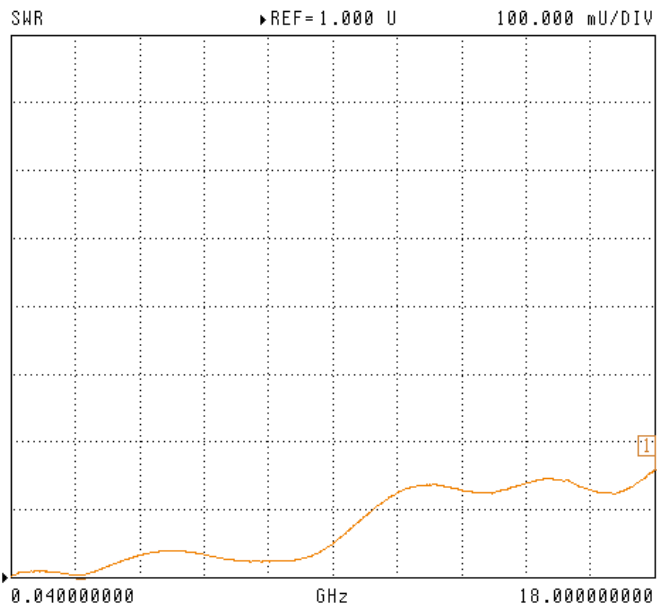
Reflow



Recommended temperature profile of infrared reflow

Test Report

S11 FORWARD REFLECTION



CH 3 - S11
0.0000 mm REF
0.000 dB OFFSE
0.00° OFFSE

MARKER 1
18.000000000 GHz
1.158 U

▶ MARKER TO MAX
MARKER TO MIN

MARKER READOUT
FUNCTIONS