

PRODUCT SPECIFICATIONS

MCX Straight Surface Mount Jack Receptacle

40270208300025



Electrical

Impedance	50 Ω
Frequency Range	DC-6 GHz
V.S.W.R	1.2 MAX
Insertion Loss	0.1 dB max.@1GHz
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 = 5.0 Milliohms max. Outer contact = 2.5 Milliohms max.
Power Handling	220W

Mechanical

Mechanical	snap on coupling
Durability	500 Cycles
Cable retention	NONE
Center contact retention	10 N min. Axial force
Torque	NONE
Recommended Torques	NONE
Panel nut	NONE
Clamp nut	NONE

Material

Connector Body	Brass
Center Contact	Beryllium Copper
Insulation	PTFE
Gasket	NONE

Environmental

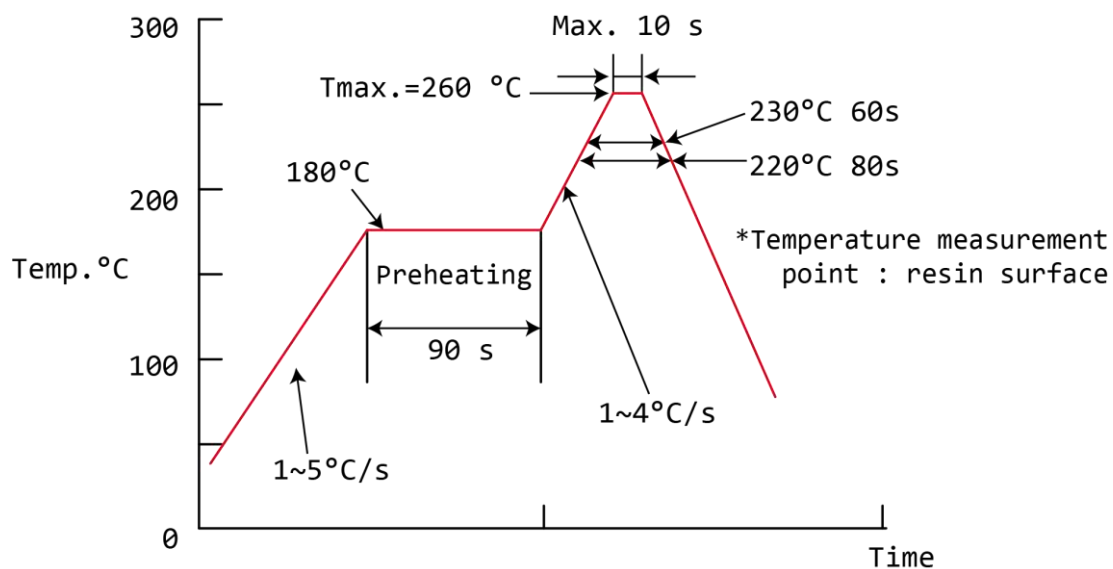
Temperature	-55°C to 155°C
Vibration	Refer to MIL-STD-202 Method 204 Test Cond. B.
Salt Spray	Refer to MIL-STD-202 Method 101 Test Cond. B.

Related Documents

Assembly instructions	NONE
-----------------------	------

Recommended Soldering Conditions

Reflow

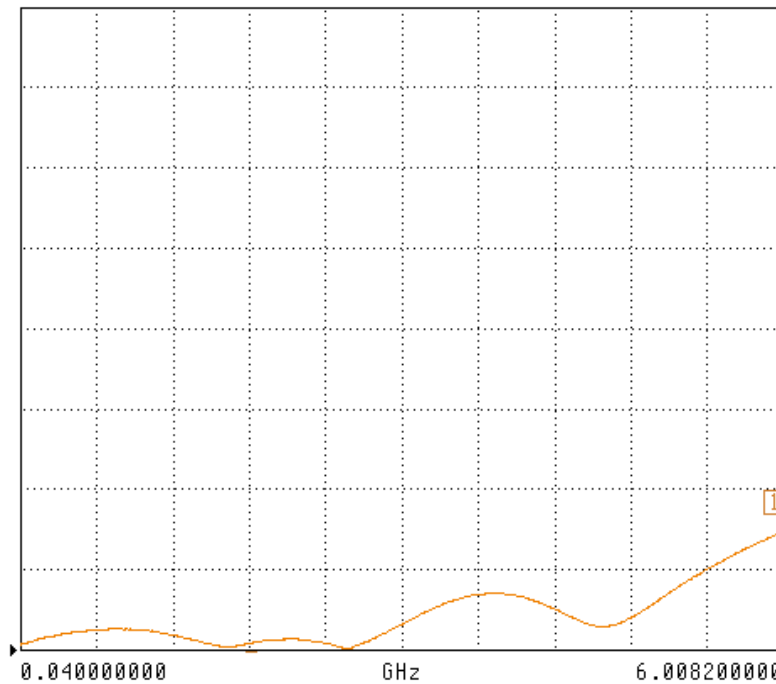


Recommended temperature profile of infrared reflow

Test Report

S11 FORWARD REFLECTION

SWR ▶REF=1.000 U 100.000 mU/DIV



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

MARKER 1
6.008200000 GHz
1.147 U

▶ MARKER TO MAX
MARKER TO MIN

MARKER READOUT
FUNCTIONS