



Features and Benefits

Center frequency: 790MHz

I.L: 5.5dB Max.

Operating temperature: -40°C to +105°C

Size: 3x3x1.4mm

Package type: Surface Mount



Typical Applications

IOT

Cellular

Telecom

4G/LTE

Wireless Communication

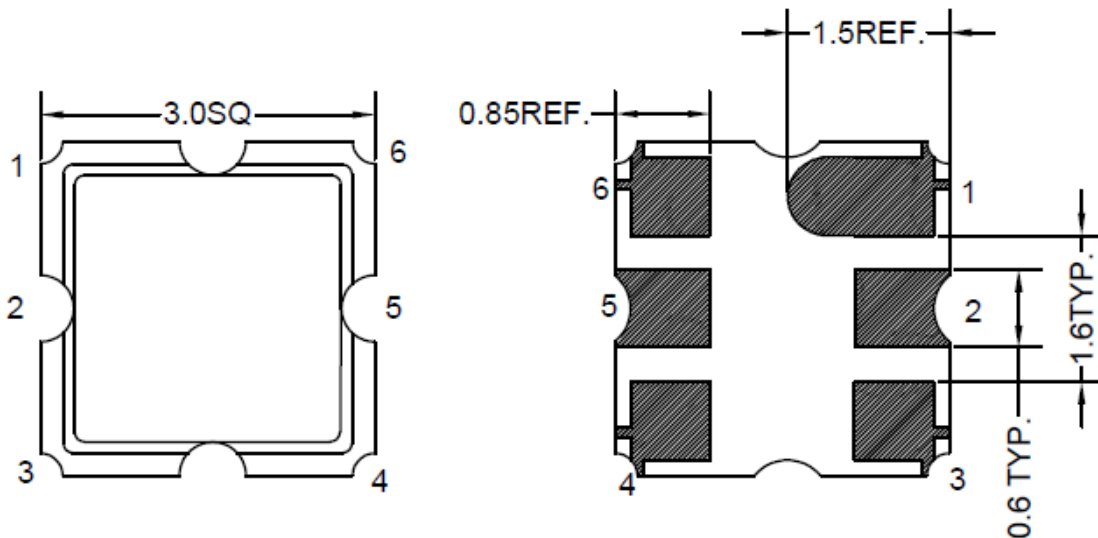
WLAN

Base Station

Radar

Mechanical Drawing & Pin Connections

Drawing No: MD240080-1



PIN	Function
#2	INPUT
#5	OUTPUT
Others	GND

Unit in mm

1mm = 0.0394 inches

Not Specified Tolerance: $\pm 0.2\text{mm}$



Specifications

Parameter	Min.	Typical	Max.	Units
Center Frequency Fc		790		MHz
Insertion Loss (770~810 MHz) (0°C to +50°C) IL		3.6	4.5	dB
Insertion Loss (770~810 MHz) (-40°C to +105°C) IL		3.6	5.5	dB
Return Loss (770~810 MHz) (0°C to +50°C)	11	12		dB
Pass Band (770~810 MHz)	40	47		MHz
Attenuation (Reference level from 0dB)				
10 ~ 520 MHz	50	56		dB
520 ~ 700 MHz	45	53		dB
900 ~ 1240 MHz	43	46		dB
1240 ~ 1450 MHz	40	45		dB
Temperature Coefficient of Frequency		-75		ppm/°C
Input Power Level		20*		dBm
DC Voltage		5		V
Operating Temperature Range	-40		+105	°C
Storage Temperature Range	-40		+105	°C
Moisture Sensitivity Level	Level 1 (MSL1)			

Note: * CW for 70000hrs at 25°C