



## Features and Benefits

Center frequency: 796.5MHz

I.L: 5.6dB Max.

Operating temperature: -40°C to +85°C

Size: 3x3x1.4mm

Package type: Surface Mount



## Typical Applications

IOT

Cellular

Telecom

4G/LTE

Wireless Communication

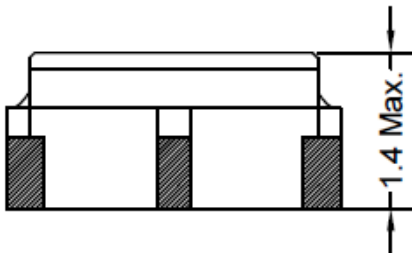
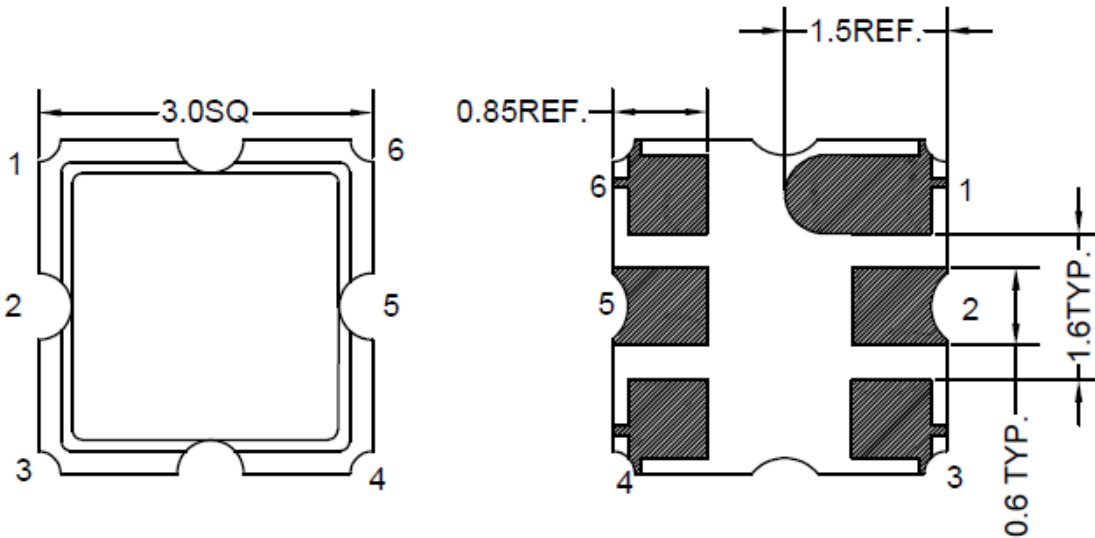
WLAN

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		796.5		MHz
Insertion Loss (788~805 MHz)	IL		3.1	5.6	dB
Amplitude Ripple (788~805 MHz)			1.5	4	dB
Amplitude Ripple (788~798 MHz) (At 25°C only)			1.5	2	dB
Attenuation (Reference level from 0 dB)					
10~760	MHz	30	40		dB
775	MHz	25	35		dB
830~2000	MHz	30	41		dB
Temperature Coefficient of Frequency			-36		ppm/°C
Input Power Level			15		dBm
DC Voltage			3		V
Operating Temperature Range		-40		+85	°C
Storage Temperature Range		-40		+85	°C