



## Features and Benefits

Center frequency: 866.6MHz

I.L: 3.7dB Max.

Operating temperature: -40°C to +85°C

Size: 3x3x1.4mm

Package type: Surface Mount



## Typical Applications

IOT

Cellular

Telecom

4G/LTE

Wireless Communication

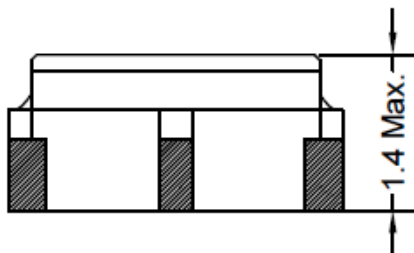
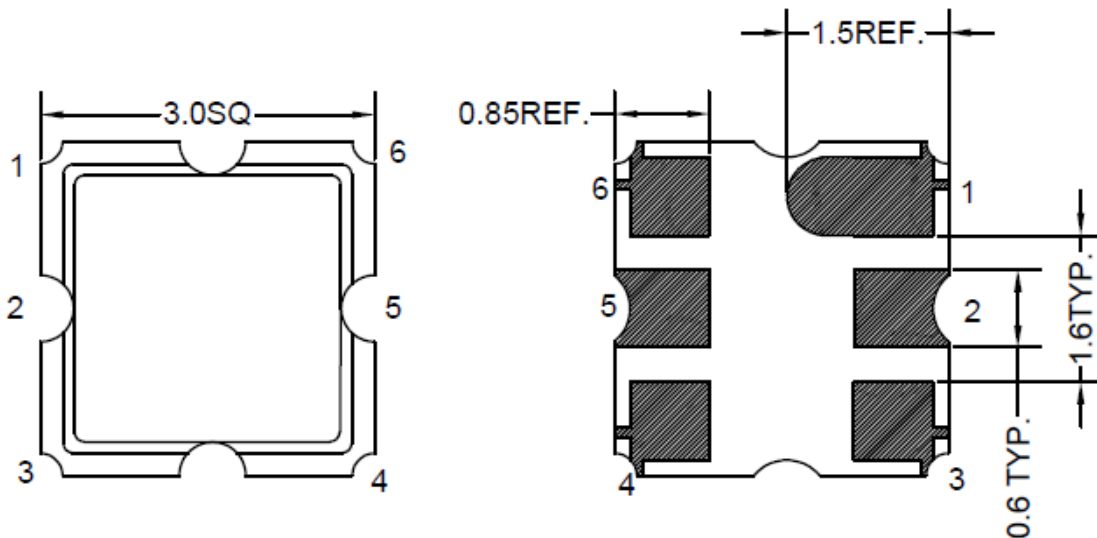
WLAN

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

Operating temperature at 25°C

Parameter		Min.	Typical	Max.	Units
Center Frequency	Fc		866.6		MHz
Insertion Loss	IL		3.3	3.7	dB
3 dB Pass Bandwidth		1	2.1		MHz
Pass Bandwidth Ripple (866.1~867.1 MHz)			0.9	3	dB
Attenuation (Reference level from IL)					
DC~857	MHz	37	42		dB
857~862	MHz	24	29		dB
862~864.5	MHz	22	31		dB
868.7~870.5	MHz	13	17		dB
870.5 ~873.5	MHz	20	25		dB
873.5~883	MHz	24	30		dB
883 MHz ~1 GHz		29	35		dB
Temperature Coefficient of Frequency			-36		ppm/°C
Input Power Level			10		dBm
DC Voltage			5		V
Operating Temperature Range		-40		+85	°C
Storage Temperature Range		-40		+95	°C
Moisture Sensitivity Level		Level 1(MSL1)			