



## Features and Benefits

Center frequency: 814MHz

I.L: 4.2dB Max.

Operating temperature: -25°C to +75°C

Size: 3x3x1.4mm

Package type: Surface Mount



## Typical Applications

IOT

Cellular

Telecom

4G/LTE

Wireless Communication

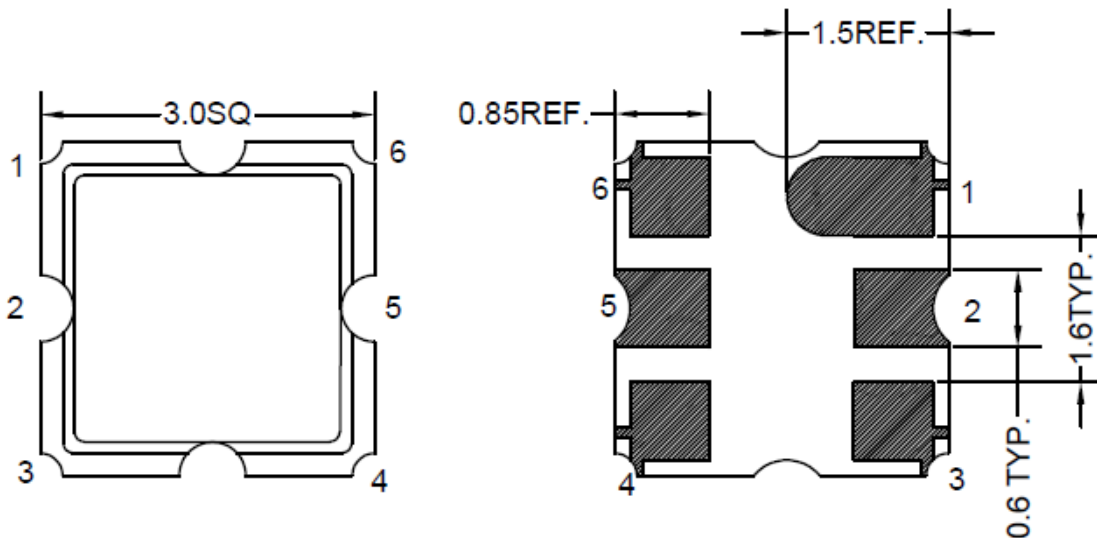
WLAN

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		814		MHz
Insertion Loss (798~830 MHz)	IL		3.4	4.2	dB
Amplitude Ripple (798~830 MHz)			1.8	2.5	dB
VSWR (798~830 MHz)			1.9	2.5	
Attenuation (Reference level from 0 dB)					
DC~735	MHz	40	57		dB
761~780	MHz	20	50		dB
851~870	MHz	20	33		dB
896~1200	MHz	40	54		dB
1200~2000	MHz	20	40		dB
Input Power Level			10		dBm
DC Voltage			3		V
Operating Temperature Range		-25		+75	°C
Storage Temperature Range		-30		+85	°C