



## Features and Benefits

Center frequency: 908.42MHz

I.L: 4.2dB Max.

Operating temperature: -40°C to +85°C

Size: 3x3x1.4mm

Package type: Surface Mount



## Typical Applications

IOT

Cellular

Telecom

4G/LTE

Wireless Communication

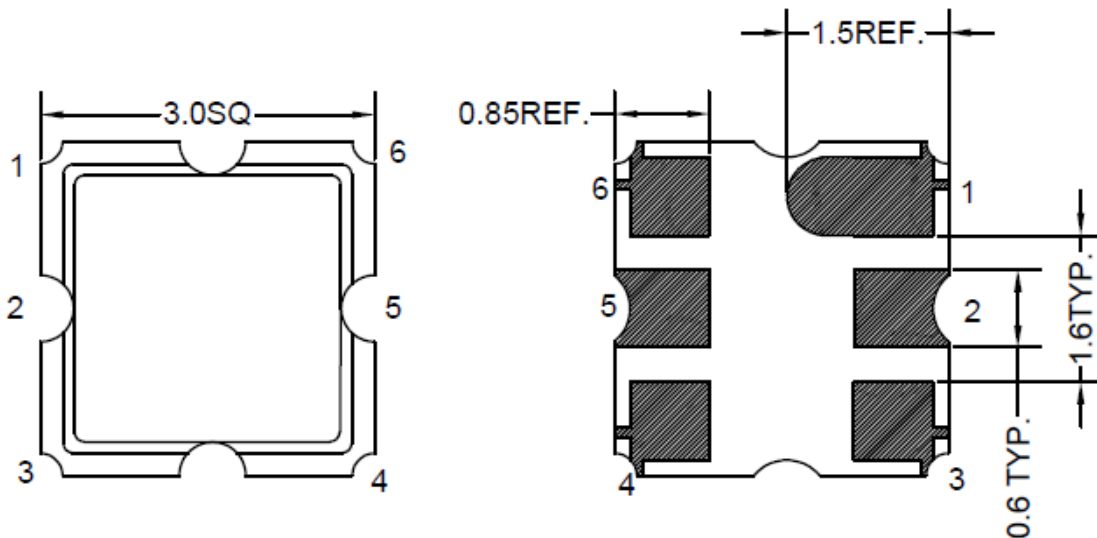
WLAN

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		908.42		MHz
Insertion Loss (906.92~909.92 MHz)	IL		2.7	4.2	dB
Amplitude Ripple (906.92~909.92 MHz)			0.2	1.6	dB
VSWR (906.92~909.92 MHz)			1.5	2.4	
Attenuation (Reference level from 0 dB)					
10~827.9	MHz	35	43		dB
853.92~872	MHz	30	42		dB
872~894	MHz	20	42		dB
943.92~962.92	MHz	30	51		dB
988.92~1200	MHz	40	53		dB
1200~2000	MHz	25	37		dB
Temperature Coefficient of Frequency			-36		ppm/k
Input Power Level			10		dBm
DC Voltage			5		V
Operating Temperature Range		-40		+85	°C
Storage Temperature Range		-40		+85	°C