



Features and Benefits

Center frequency: 909.3MHz

I.L: 3dB Max.

Operating temperature: -40°C to +85°C

Size: 3x3x1.4mm

Package type: Surface Mount



Typical Applications

IOT

Cellular

Telecom

4G/LTE

Wireless Communication

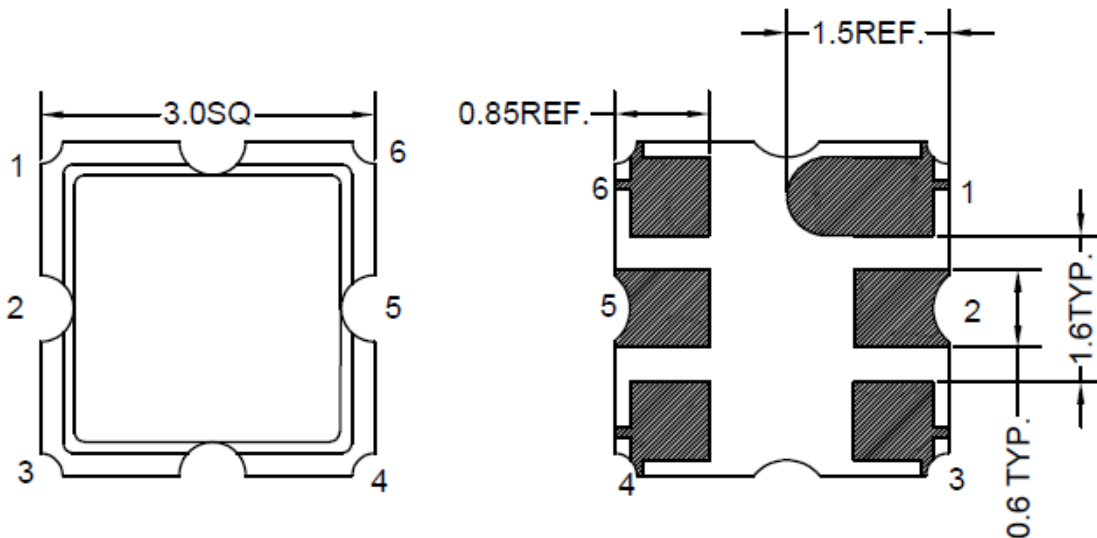
WLAN

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		909.3		MHz
Insertion Loss (904.3~914.3 MHz)	IL		1.6	3	dB
Amplitude Ripple (904.3~914.3 MHz)			0.5	1.8	dB
VSWR (904.3~914.3 MHz)			1.3	2	
Attenuation (Reference level from 0 dB)					
310~875	MHz	33	41		dB
940~1510	MHz	35	44		dB
Temperature Coefficient of Frequency			-36		ppm/k
Input Power Level			10		dBm
DC Voltage			3		V
Operating Temperature Range		-40		+85	°C
Storage Temperature Range		-40		+85	°C