



Features and Benefits

Center frequency: 714.25MHz

I.L: 3dB Max.

Operating temperature: 0°C to +50°C

Size: 3x3x1.4mm

Package type: Surface Mount



Typical Applications

IOT

Cellular

Telecom

4G/LTE

Wireless Communication

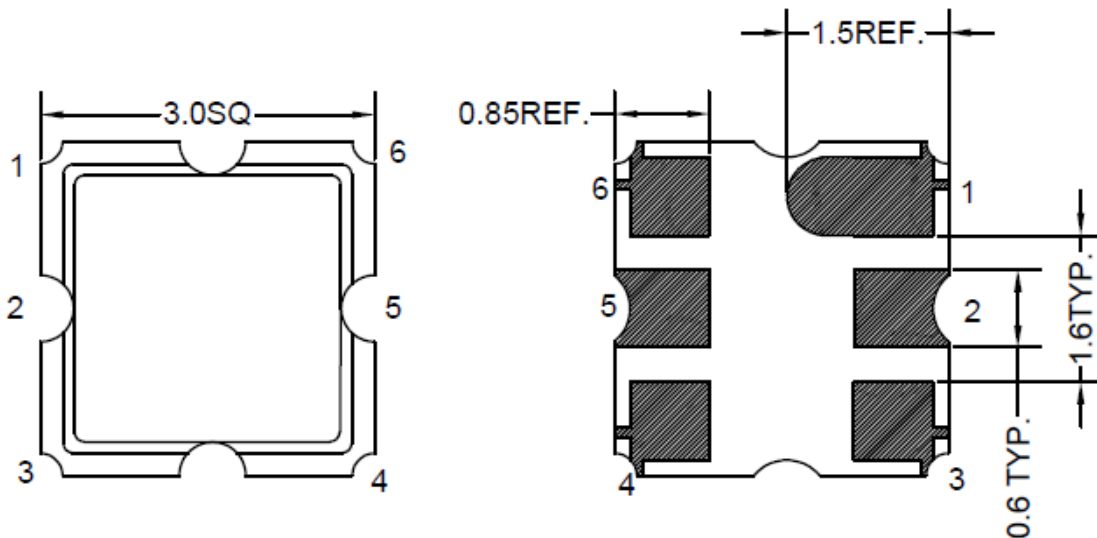
WLAN

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		714.25		MHz
Insertion Loss (703~725.5 MHz)	IL		2	3	dB
Amplitude Ripple (703~725.5 MHz)			0.9	1.5	dB
VSWR (703~725.5 MHz)			2	2.4	
Attenuation (Reference level from 0 dB)					
10~691.5	MHz	25	47		dB
691.5~694.25	MHz	8	24		dB
734.25~746.1	MHz	5	12		dB
746.1~1500	MHz	25	34		dB
Temperature Coefficient of Frequency			-36		ppm/k
Input Power Level			10		dBm
DC Voltage			3		V
Operating Temperature Range		0		+50	°C
Storage Temperature Range		-40		+85	°C