



Features and Benefits

Center frequency: 750MHz

I.L: 5dB Max.

Operating temperature: -10°C to +60°C

Size: 3x3x1.4mm

Package type: Surface Mount



Typical Applications

IOT

Cellular

Telecom

4G/LTE

Wireless Communication

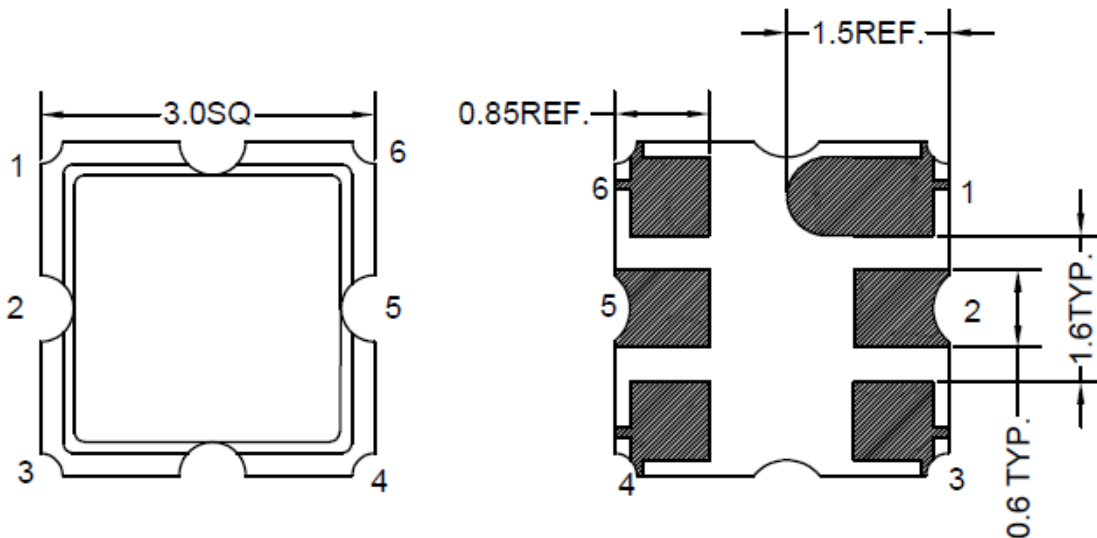
WLAN

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		750		MHz
Insertion Loss (732.5~767.5 MHz)	IL		3.1	5	dB
Amplitude Ripple (732.5~767.5 MHz)			1.4	3.8	dB
VSWR (732.5~767.5 MHz)			2.1	2.5	
Attenuation (Reference level from 0 dB)					
10~700	MHz	40	53		dB
830~1500	MHz	40	47		dB
Temperature Coefficient of Frequency			-36		ppm/°C
Input Power Level			10		dBm
DC Voltage			3		V
Operating Temperature Range		-10		+60	°C
Storage Temperature Range		-40		+85	°C
Moisture Sensitivity Level		Level 1(MSL1)			