



Features and Benefits

Center frequency: 874.5MHz

I.L: 2.5dB Max.

Operating temperature: -40°C to +105°C

Size: 3x3x1.4mm

Package type: Surface Mount



Typical Applications

IOT

Cellular

Telecom

4G/LTE

Wireless Communication

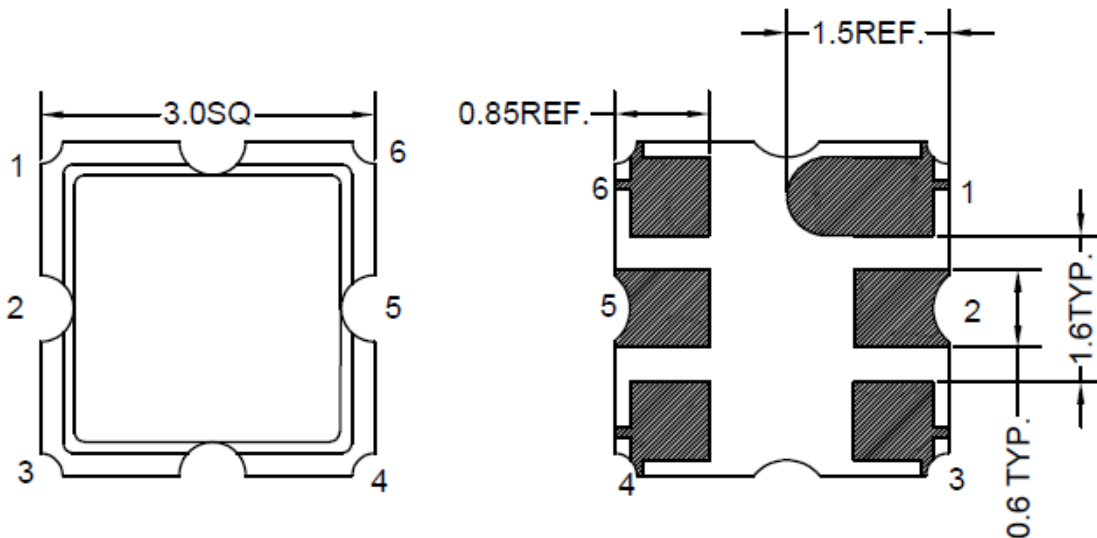
WLAN

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		874.5		MHz
Insertion Loss (869~880 MHz)	IL		1.7	2.5	dB
Amplitude Ripple (869~880 MHz)			0.6	1.2	dB
Attenuation (Reference level from 0 dB)					
10~250	MHz	35	38		dB
250~840	MHz	28	32		dB
910~920	MHz	30	41		dB
920~1000	MHz	30	33		dB
Temperature Coefficient of Frequency					ppm/°C
Terminating Source Impedance(single)	Z _S		50		ohm
Terminating Load Impedance(single)	Z _L		50		ohm
Input Power Level			13		dBm
DC Voltage			5		V
Operating Temperature Range		-40		+105	°C
Storage Temperature Range		-40		+105	°C
Moisture Sensitivity Level		Level 1(MSL1)			