



## Features and Benefits

Center frequency: 862MHz

I.L: 2.0dB Max.

Operating temperature: -30°C to +85°C

Size: 3x3x1.4mm

Package type: Surface Mount



## Typical Applications

IOT

Cellular

Telecom

4G/LTE

Wireless Communication

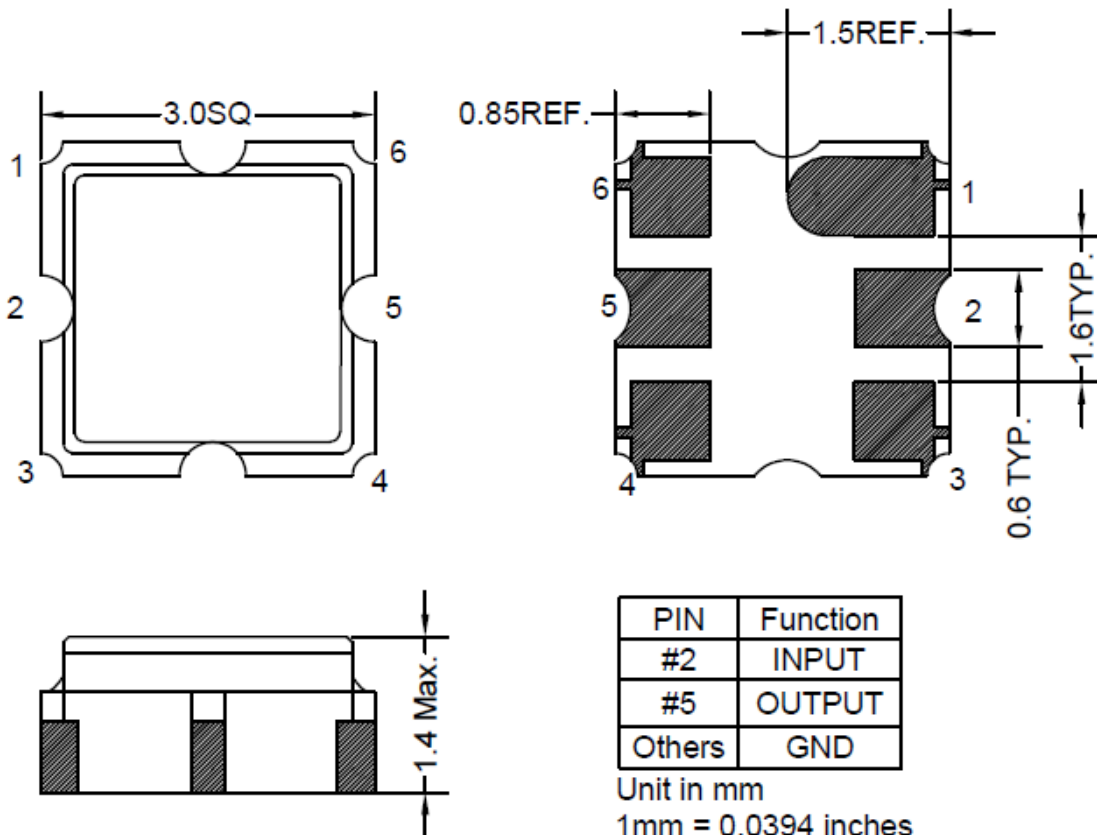
WLAN

Base Station

Radar

## Mechanical Drawing & Pin Connections

Drawing No: MD240080-1



Unit in mm

1mm = 0.0394 inches

Not Specified Tolerance:  $\pm 0.2\text{mm}$



## Specifications

Parameter		Min.	Typical	Max.	Units
Center Frequency	Fc		862		MHz
Insertion Loss (854~870 MHz)	IL		1.6	2.0	dB
Amplitude Ripple (854~870 MHz)			0.6	1.3	dB
VSWR (854~870 MHz)			1.7	2.0	
Attenuation (Reference level from 0 dB)					
40 ~ 200	MHz	35	42		dB
650 ~ 800	MHz	20	36		dB
800 ~ 830	MHz	15	39		dB
885 ~ 902	MHz	20	55		dB
990 ~ 1025	MHz	35	40		dB
1025 ~ 1600	MHz	35	44		dB
1600 ~ 3000	MHz	13	30		dB
Temperature Coefficient of Frequency			-36		ppm/°C
Input Power Level			16		dBm
DC Voltage			3		V
Operating Temperature Range		-30		+85	°C
Storage Temperature Range		-40		+95	°C