



## Features and Benefits

Center frequency: 881.5MHz

I.L: 3.5dB Max.

Operating temperature: -40°C to +70°C

Size: 3x3x1.4mm

Package type: Surface Mount



## Typical Applications

IOT

Cellular

Telecom

4G/LTE

Wireless Communication

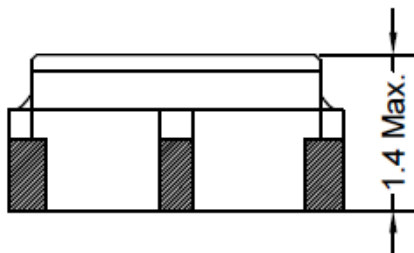
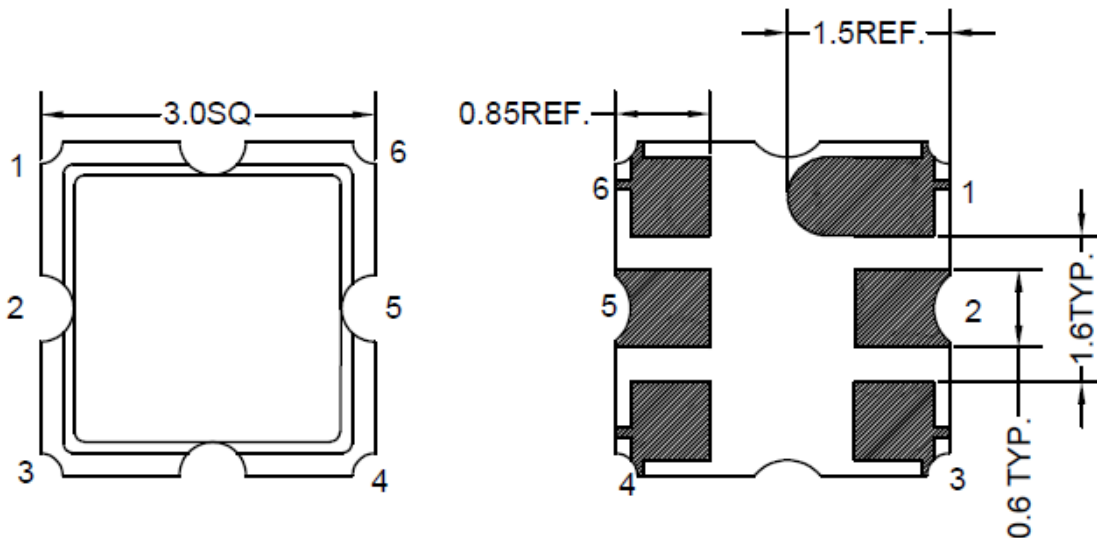
WLAN

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		881.5		MHz
Insertion Loss (869~894 MHz)	IL		2.8	3.5	dB
Amplitude Ripple (869~894 MHz)			0.7	1.6	dB
VSWR (869~894 MHz)			1.6	2.0	
Attenuation (Reference level from 0 dB)					
D.C. ~ 779	MHz	50	60.1		dB
779 ~ 849	MHz	45	49.8		dB
914 ~ 970	MHz	28	31.1		dB
970 ~ 1049	MHz	50	62.1		dB
1049 ~ 2000	MHz	40	47.2		dB
Input Power Level			15		dBm
DC Voltage		-5		5	V
Operating Temperature Range		-40		+70	°C
Storage Temperature Range		-40		+100	°C
Source impedance (single ended)			50		$\Omega$
Load impedance (single ended)			50		$\Omega$