



Features and Benefits

Center frequency: 836.5MHz

I.L: 4dB Max.

Operating temperature: -20°C to +75°C

Size: 3x3x1.4mm

Package type: Surface Mount



Typical Applications

IOT

Cellular

Telecom

4G/LTE

Wireless Communication

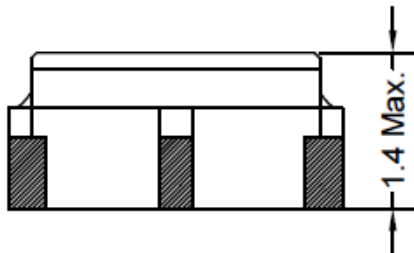
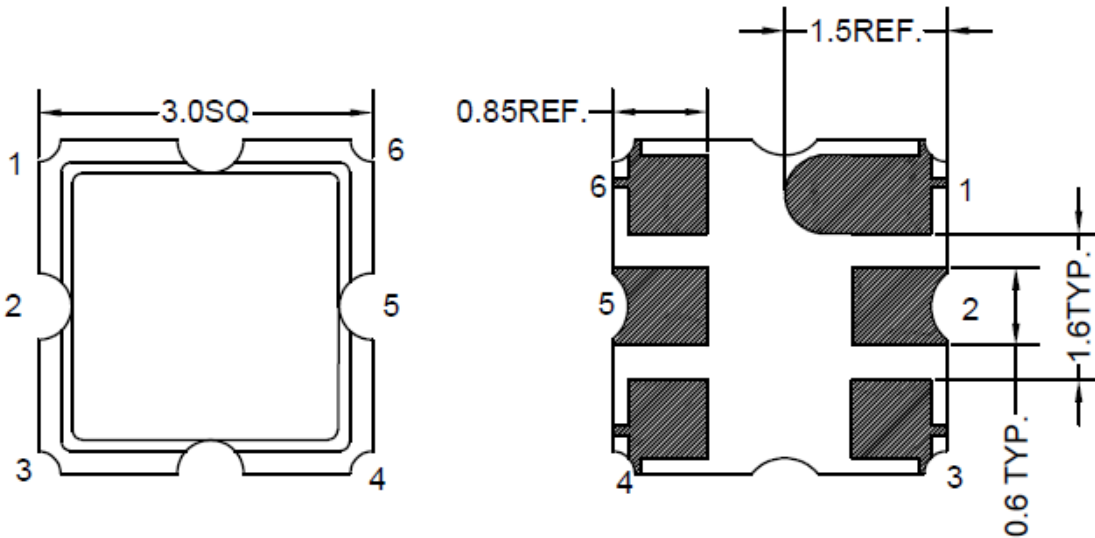
WLAN

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		836.5		MHz
Insertion Loss (821.5~851.5 MHz)	IL		2.7	4	dB
Amplitude Ripple (821.5~851.5 MHz)			1.2	2	dB
VSWR (821.5~851.5 MHz)			1.5	2.2	
Attenuation (Reference level from 0 dB)					
DC~696	MHz	50	64		dB
956~1500	MHz	50	59		dB
1500~2000	MHz	30	45		dB
Input Power Level			10		dBm
DC Voltage			3		V
Operating Temperature Range		-20		+75	°C
Storage Temperature Range		-40		+85	°C