



Features and Benefits

Center frequency: 914.5MHz

I.L: 3dB Max.

Operating temperature: -20°C to +70°C

Size: 3x3x1.4mm

Package type: Surface Mount



Typical Applications

IOT

Cellular

Telecom

4G/LTE

Wireless Communication

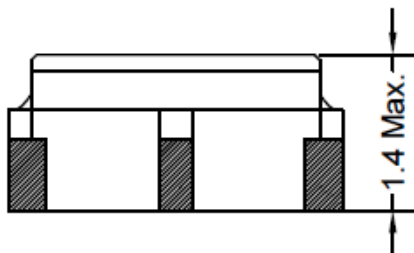
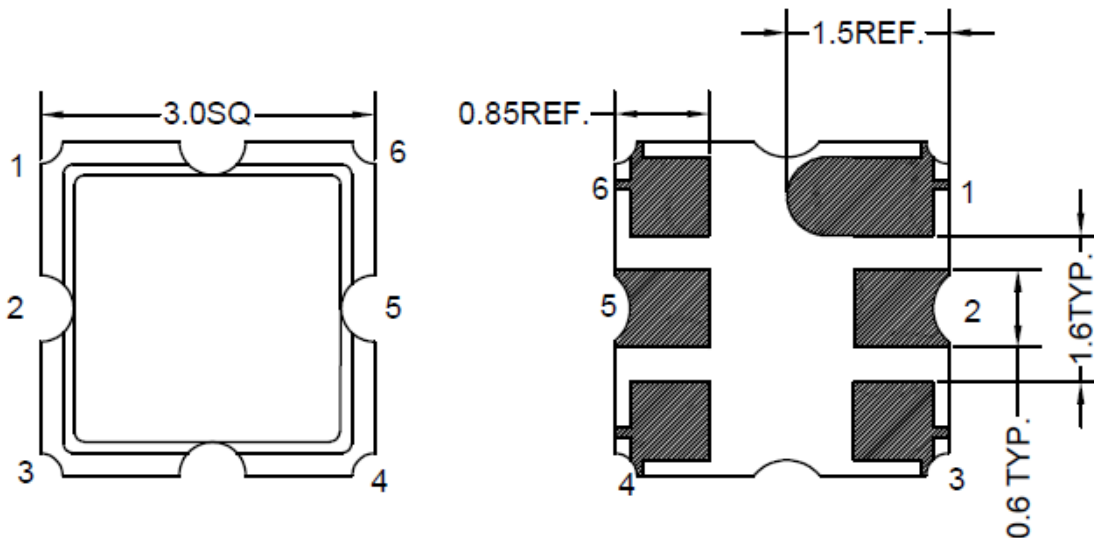
WLAN

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		914.5		MHz
Insertion Loss (907~922 MHz)	IL		1.7	3	dB
Amplitude Ripple (907~922 MHz)			0.8	1.5	dB
Input/Output VSWR (907~922 MHz)			1.6	2.2	
Attenuation (Reference level from 0 dB)					
0.3~890	MHz	9	20		dB
933~940	MHz	30	46		dB
940~960	MHz	35	45		dB
960~1500	MHz	35	38		dB
Input Power Level			10		dBm
DC Voltage			3		V
Operating Temperature Range		-20		+70	°C
Storage Temperature Range		-30		+85	°C