



Features and Benefits

Center frequency: 931.25MHz

I.L: 2.5dB Max.

Operating temperature: -40°C to +85°C

Size: 3x3x1.4mm

Package type: Surface Mount



Typical Applications

IOT

Cellular

Telecom

4G/LTE

Wireless Communication

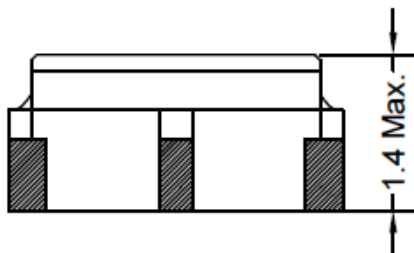
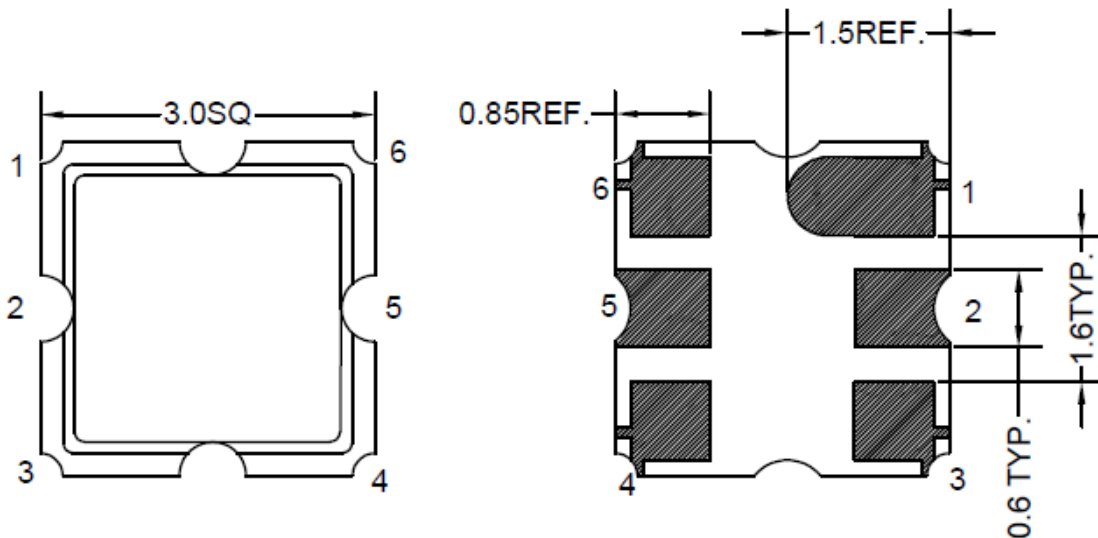
WLAN

Base Station

Radar

Mechanical Drawing & Pin Connections

Drawing No: MD240080-1



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		931.25		MHz
Insertion Loss (925~937.5 MHz)	IL		1.2	2.5	dB
Amplitude Ripple (925~937.5 MHz)			0.3	1.6	dB
VSWR (925~937.5 MHz)			1.5	2.2	
Attenuation (Reference level from 0dB)					
10 ~ 880	MHz	31	36		dB
880 ~ 910	MHz	7	21		dB
955 ~ 960	MHz	24	48		dB
960 ~ 2500	MHz	25	36		dB
Temperature Coefficient of Frequency			-36		ppm/K
Input Power Level			10		dBm
DC Voltage			3		V
Operating Temperature Range		-40		+85	°C
Storage Temperature Range		-40		+85	°C
Moisture Sensitivity Level		Level 1 (MSL1)			