



## Features and Benefits

Center frequency: 629MHz

I.L: 3dB Max.

Operating temperature: -30°C to +85°C

Size: 3x3x1.4mm

Package type: Surface Mount



## Typical Applications

IOT

Cellular

Telecom

4G/LTE

Wireless Communication

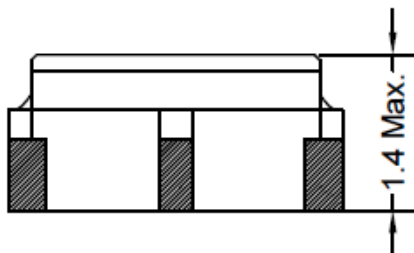
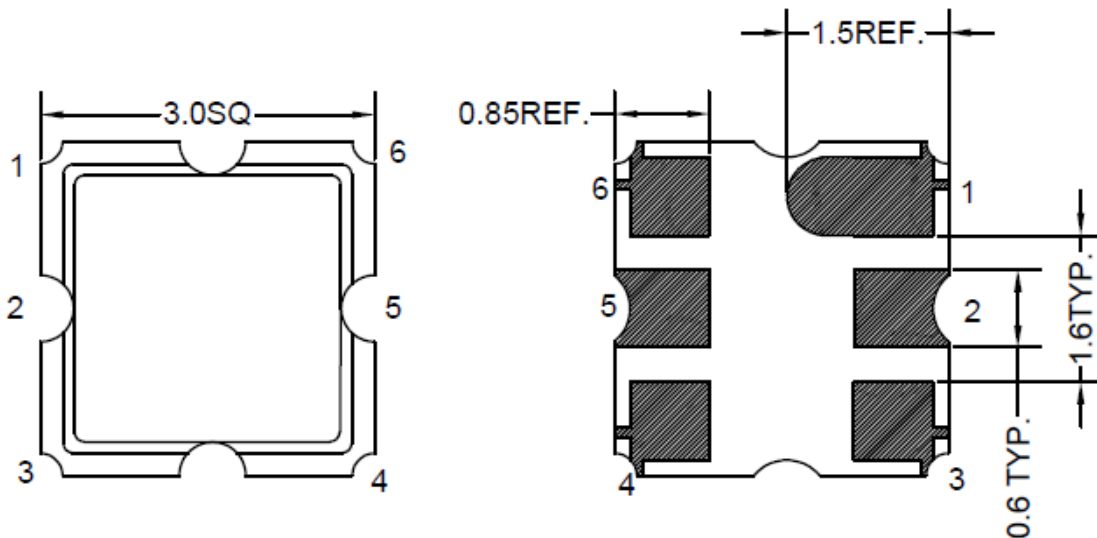
WLAN

Base Station

Radar

## Mechanical Drawing & Pin Connections

Drawing No: MD240080-1



PIN	Function
#2	INPUT
#5	OUTPUT
Others	GND

Unit in mm

1mm = 0.0394 inches

Not Specified Tolerance:  $\pm 0.2$ mm



## Specifications

Parameter		Min.	Typical	Max.	Units
Center Frequency	Fc		629		MHz
Insertion Loss (626.5~631.5 MHz)	IL		1.45	3	dB
Amplitude Ripple (626.5~631.5 MHz)			0.25	2	dB
VSWR (626.5~631.5 MHz)			1.7	2	
Group Delay Ripple (626.5~631.5 MHz)			14	80	ns
Attenuation (Reference level from 0 dB)					
0~560	MHz	45	56		dB
560~595	MHz	40	52		dB
660~680	MHz	25	40		dB
680~700	MHz	35	49		dB
700~1000	MHz	45	51		dB
1000~1500	MHz	35	43		dB
Temperature Coefficient of Frequency			-36		ppm/°C
Input Power Level			10		dBm
DC Voltage			3		V
Operating Temperature Range		-30		+85	°C
Storage Temperature Range		-40		+85	°C