



Features and Benefits

Center frequency: 829MHz

I.L: 3.7dB Max.

Operating temperature: -10°C to +55°C

Size: 3x3x1.4mm

Package type: Surface Mount



Typical Applications

IOT

Cellular

Telecom

4G/LTE

Wireless Communication

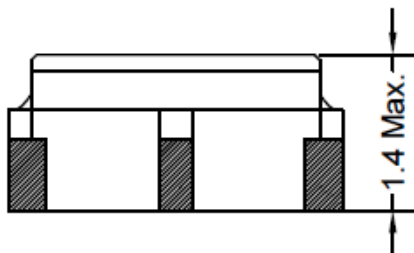
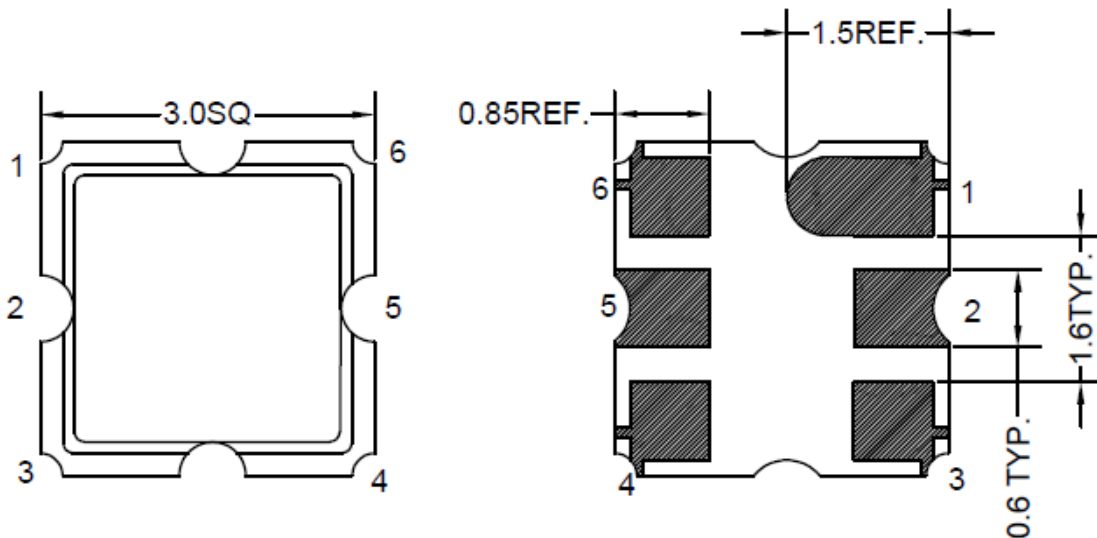
WLAN

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		829		MHz
Insertion Loss	IL				
Incl. Loss in matching elements			2.9	3.7	dB
Excl. Loss in matching elements			2.5	3.4	dB
Passband (Relative to IL) 828.5~829.5 MHz			0.6	3.2	dB
Attenuation (Relative to IL)					
814~820 MHz		25	36		dB
820~821 MHz		25	32		dB
821~826 MHz		20	25		dB
826~827 MHz		7	23		dB
831~834 MHz		5.5	14		dB
834~844 MHz		20	25		dB
Input Power Level			10		dBm
DC Voltage			6		V
Operating Temperature Range		-10		+55	°C
Storage Temperature Range		-40		+85	°C