



Features and Benefits

Center frequency: 850MHz

I.L: 4.2dB Max.

Operating temperature: -20°C to +70°C

Size: 3x3x1.4mm

Package type: Surface Mount



Typical Applications

IOT

Cellular

Telecom

4G/LTE

Wireless Communication

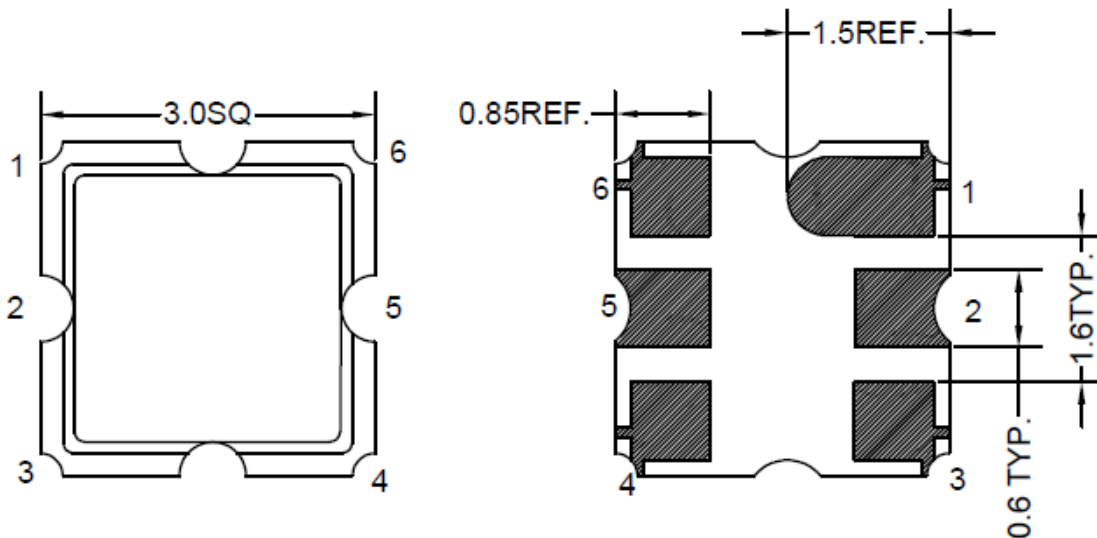
WLAN

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		850		MHz
Insertion Loss (848~852 MHz)	IL		2.7	4.2	dB
Amplitude Ripple (848~852 MHz)			0.5	2.2	dB
VSWR (848~852 MHz)			1.7	2.4	
Attenuation (Reference level from 0 dB)					
10 ~ 833	MHz	35	42		dB
833 ~ 838	MHz	25	45		dB
838 ~ 843	MHz	7	18		dB
867 ~ 1100	MHz	35	49		dB
Temperature Coefficient of Frequency			-36		ppm/°C
Input Power Level			10		dBm
DC Voltage			3		V
Operating Temperature Range		-20		+70	°C
Storage Temperature Range		-40		+85	°C