



Features and Benefits

Center frequency: 2187MHz
I.L: 5.0dB Max.
Operating temperature: -40°C to +85°C
Size: 3x3x1.4mm
Package type: Surface Mount

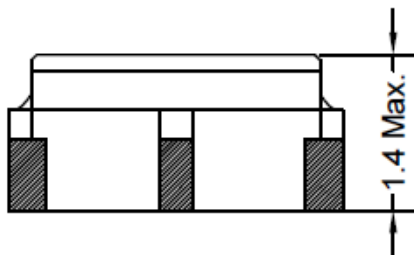
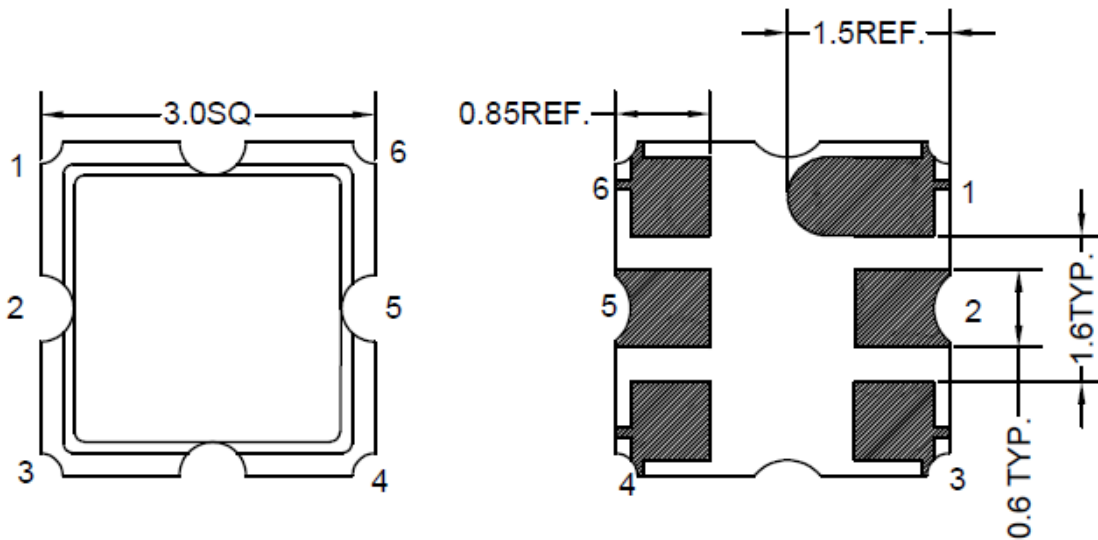


Typical Applications

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: ±0.2mm



Specifications

Parameter		Min.	Typical	Max.	Units
Center Frequency	Fc		2187		MHz
Insertion Loss (2174~2200 MHz)	IL		3.7	5.0	dB
Insertion Loss at 2170 MHz (at 25°C)	IL		3.2		dB
Amplitude Ripple (2174~2200 MHz)			1.7	2.3	dB
VSWR (2174~2200 MHz)			1.7	2.0	
Attenuation (Reference level from 0 dB)					
824~849	MHz	35	42		dB
880~960	MHz	35	41		dB
1070~1785	MHz	40	44		dB
1805~1920	MHz	40	46		dB
1920~2010	MHz	40	50		dB
2095~2125	MHz	21	33		dB
2140	MHz (at 25°C)		20		dB
2300~2400	MHz	15	51		dB
2400~2500	MHz	20	50		dB
Temperature Coefficient of Frequency			-36		ppm/K
Input Power Level			15		dBm
DC Voltage			3		V
Operating Temperature Range		-40		+85	°C
Storage Temperature Range		-40		+105	°C