



Features and Benefits

Center frequency: 338.5MHz
I.L: 2.5dB Max.
Operating temperature: -40°C to +85°C
Size: 3x3x1.4mm
Package type: Surface Mount

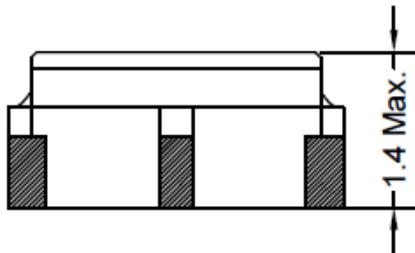
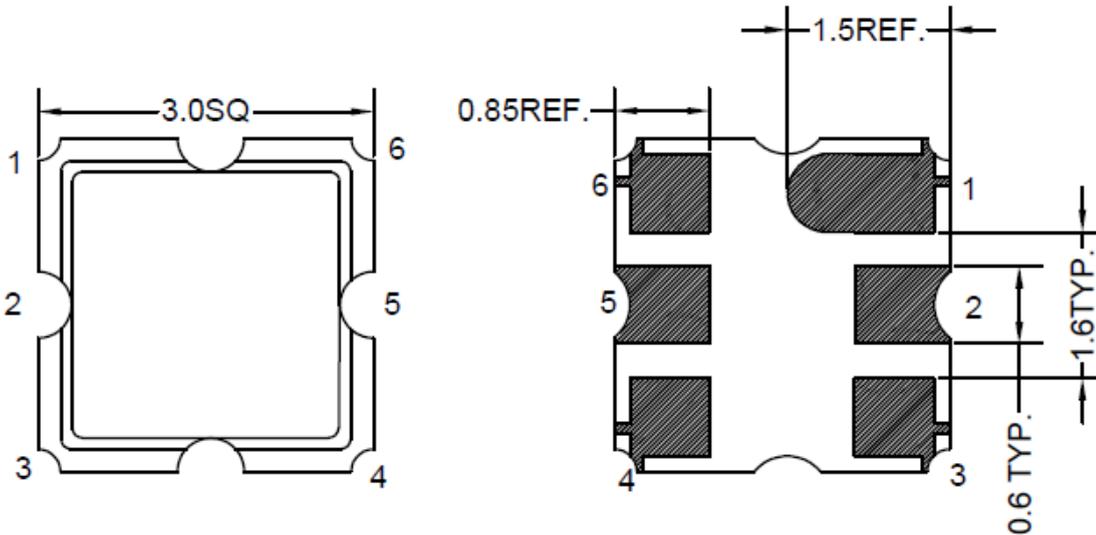


Typical Applications

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: ±0.2mm



Specifications

Parameter		Min.	Typical	Max.	Units
Center Frequency	Fc		338.5		MHz
Insertion Loss (338.2~338.8 MHz)	IL		1.5	2.5	dB
Amplitude Ripple (338.2~338.8 MHz)			0.1	1.5	dB
VSWR (338.2~338.8 MHz)			1.2	2.5	
Attenuation (Reference level from 0 dB)					
293.5~309.5	MHz	53	64		dB
316.5~317.4	MHz	50	64		dB
327.5~328.1	MHz	46	62		dB
348.9~349.5	MHz	22	27		dB
359.6~360.5	MHz	36	38		dB
381~382.2	MHz	50	57		
Temperature Coefficient of Frequency			-36		ppm/°C
Input Power Level			10		dBm
DC Voltage			3		V
Operating Temperature Range		-40		+85	°C
Storage Temperature Range		-40		+85	°C