



Features and Benefits

Center frequency: 319.3MHz
I.L: 2.5dB Max.
Operating temperature: -40°C to +85°C
Size: 3x3x1.4mm
Package type: Surface Mount

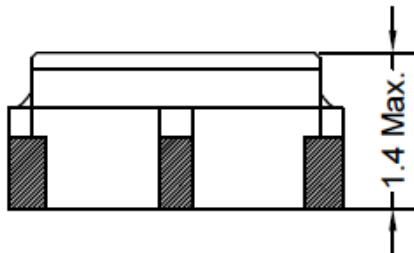
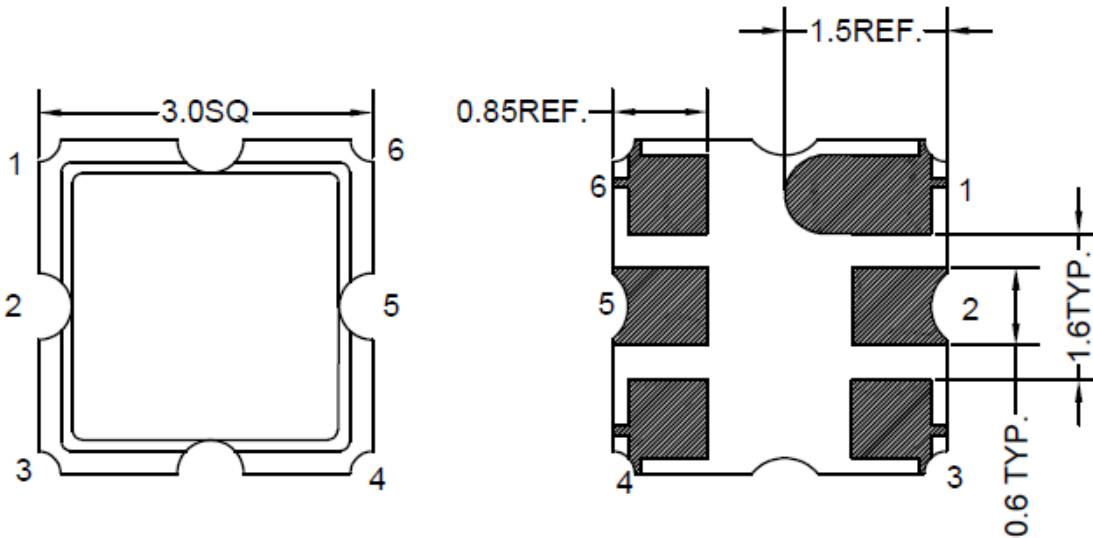


Typical Applications

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		319.3		MHz
Insertion Loss (318.3~320.3 MHz)	IL		1.66	2.5	dB
Amplitude Ripple (318.3~320.3 MHz)			0.26	1.5	dB
VSWR (318.3~320.3 MHz)			1.24	2.5	
Attenuation (Reference level from 0 dB)					
274.3~290.3	MHz	50	62		dB
297.3~298.2	MHz	50	72		dB
308.3~308.9	MHz	46	61		
329.7~330.3	MHz	22	32		
340.4~341.3	MHz	36	47		
361.8~363	MHz	48	60		
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