

## Dynamic Engineers Inc.

Website: www.DynamicEngineers.com Email: Inquiry@DynamicEngineers.com

#### **Features and Benefits**

Center frequency: 3450MHz I.L: 5.2dB Max. Operating temperature: -40°C to +85°C Size: 3x3x1.4mm Package type: Surface Mount



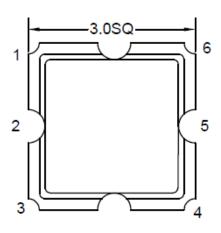
### **Typical Applications**

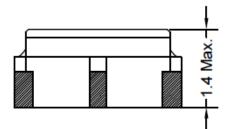
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN **Base Station** Radar

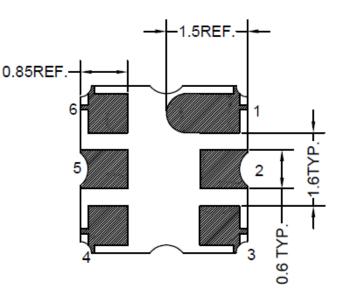
### **Mechanical Drawing & Pin Connections**



MD240080-1







	PIN	Function						
	#2	INPUT						
	#5	OUTPUT						
	Others	GND						
Unit in mm								
1mm = 0.0394 inches								
Not Specified Tolerance: ±0.2mm								

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### **Specifications**

Parameter		Min.	Typical	Max.	Units		
Center Frequency Fc			3450		MHz		
Insertion Loss (3400.86~3499.14 MHz)		3.9	5.2	dB			
Amplitude Ripple (3400.86~3499.14 M		1.7	3	dB			
Attenuation (Reference level from 0 dB)							
3260 MHz		30	41		dB		
3295 MHz		25	33		dB		
3380 MHz		2.5	4.5		dB		
3520 MHz		2.5	5		dB		
3575 MHz		25	43		dB		
Temperature Coefficient of Frequency		-36		ppm/°C			
Input Power Level			20		dBm		
DC Voltage			3		V		
Operating Temperature Range		-40		+85	°C		
Storage Temperature Range		-40		+85	°C		
Moisture Sensitivity Level		Level 1(MSL1)					