

## Dynamic Engineers Inc.

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

#### **Features and Benefits**

Center frequency: 2534MHz I.L: 3.6dB Max. Operating temperature: -40°C to +85°C Size: 3x3x1.4mm Package type: Surface Mount



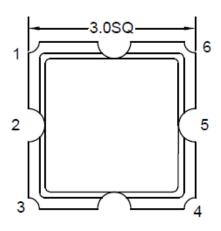
#### **Typical Applications**

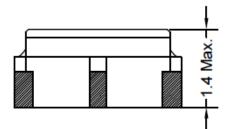
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN **Base Station** Radar

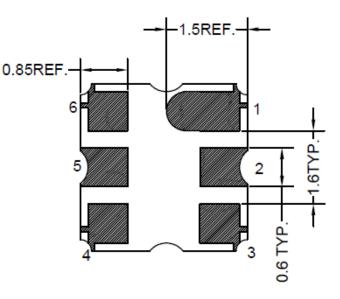
#### **Mechanical Drawing & Pin Connections**



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		2534		MHz		
Insertion Loss (2496~2572 MHz)		2.4	3.6	dB			
Amplitude Ripple (2496~2572 MHz)		1.1	2.2	dB			
VSWR (2496~2572 MHz)		1.8	2.5				
Attenuation (Reference level from 0 dB)							
300~2430 MHz		25	30		dB		
2630~3000 MHz		30	35		dB		
Temperature Coefficient of Frequency		-36		ppm/k			
Input Power Level		10		dBm			
DC Voltage			3		V		
Operating Temperature Range		-40		+85	°C		
Storage Temperature Range		-40		+85	°C		