

## Dynamic Engineers Inc.

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

#### **Features and Benefits**

Center frequency: 2592.5MHz I.L: 4dB Max. Operating temperature: -20°C to +70°C Size: 3x3x1.4mm Package type: Surface Mount



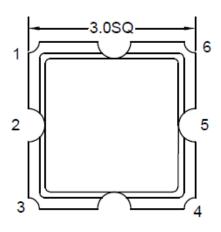
### **Typical Applications**

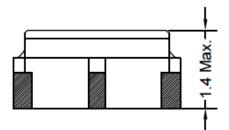
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN **Base Station** Radar

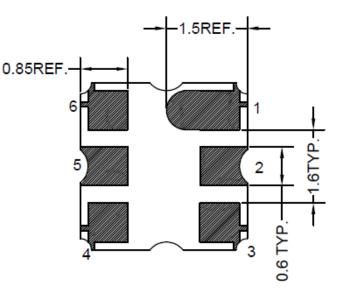
#### **Mechanical Drawing & Pin Connections**



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		2592.5		MHz	
Insertion Loss (2579~2606 MHz)		2.6	4	dB		
Amplitude Ripple (2579~2606 MHz)		0.9	2.5	dB		
Return Loss (2579~2606 MHz)	9	16		dB		
Attenuation (Reference level from 0 dB)						
DC~2450 MHz		35	43		dB	
2700~2850 MHz		40	56		dB	
2850~3000 MHz		35	50		dB	
Input Power Level		10		dBm		
DC Voltage			3		V	
Operating Temperature Range		-20		+70	°C	
Storage Temperature Range		-40		+85	°C	