

## Dynamic Engineers Inc.

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

#### **Features and Benefits**

Center frequency: 1965MHz I.L: 3.8dB Max. Operating temperature: -30°C to +85°C Size: 3x3x1.4mm Package type: Surface Mount



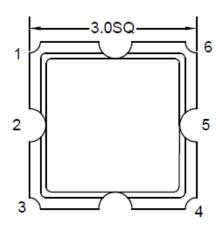
### **Typical Applications**

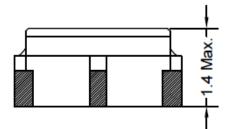
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

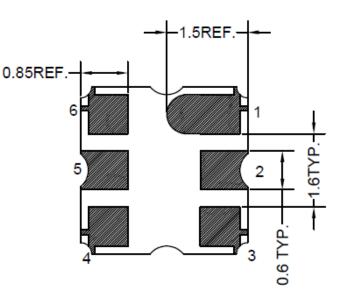
#### **Mechanical Drawing & Pin Connections**



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			1965		MHz	
Insertion Loss (1930~2000 MHz)			2.4	3.8	dB	
Amplitude Ripple (p-p) (1930~2000 MHz)			1.3	2.5	dB	
VSWR (1930~2000 MHz)			1.9	2.6		
Attenuation (Reference level from 0 dB)						
D.C.~1622.5 MHz		14.0	24.5		dB	
1622.5~1832.5 MHz		15.0	26.0		dB	
1832.5~1907.5 MHz		10.0	18.5		dB	
2042.5~3242.5 MHz		17.0	29.0		dB	
3242.5~4000 MHz		14.0	30.0		dB	
Source Impedance			50		Ω	
Load Impedance			50		Ω	
Input Power Level			10		dBm	
DC Voltage			3		V	
Operating Temperature Range		-30		+85	°C	
Storage Temperature Range		-40		+85	С°	