

# Dynamic Engineers Inc.

Website: <a href="www.DynamicEngineers.com">www.DynamicEngineers.com</a> Email: <a href="mailto:lnquiry@DynamicEngineers.com">lnquiry@DynamicEngineers.com</a>

## **Features and Benefits**

Center frequency: 1955MHz I.L: 4.0dB Max. Operating temperature: -40°C to +85°C Size: 3x3x1.4mm Package type: Surface Mount



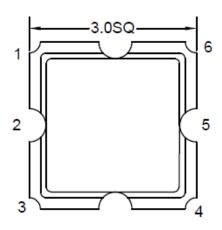
# **Typical Applications**

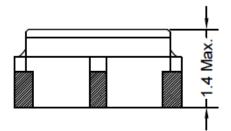
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

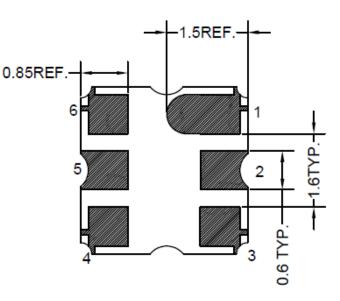
#### **Mechanical Drawing & Pin Connections**



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		1955		MHz		
Insertion Loss (1940~1970 MHz)		1.7	4.0	dB			
Amplitude Ripple (1940~1970 MHz)		1.0	3.0	dB			
VSWR (1940~1970 MHz)		1.6	2.4				
Attenuation (Reference level from 0 dB)							
1805~1880 MHz		20	34		dB		
2100~2170 MHz	20	50		dB			
Source Impedance (single ended)		50		Ω			
Load Impedance (single ended)		50		Ω			
Input Power Level			15		dBm		
DC Voltage			3		V		
Operating Temperature Range		-40		+85	С°		
Storage Temperature Range		-40		+85	С°		