

# Dynamic Engineers Inc.

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

#### **Features and Benefits**

Center frequency: 1865MHz I.L: 4.0dB Max. Operating temperature: -40°C to +85°C Size: 3x3x1.4mm Package type: Surface Mount



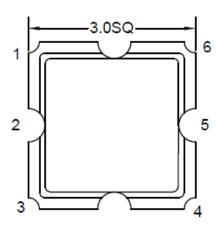
## **Typical Applications**

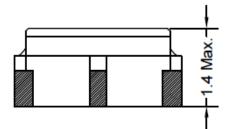
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

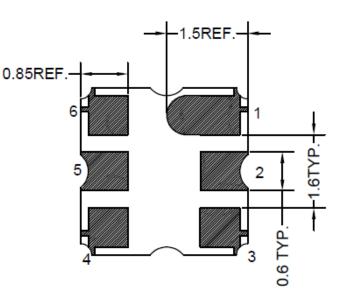
#### **Mechanical Drawing & Pin Connections**



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		1865		MHz	
Insertion Loss (1850~1880 MHz)		2.1	4.0	dB		
Amplitude Ripple (1850~1880 MHz)		1.3	3.0	dB		
VSWR (1850~1880 MHz)		1.4	2.4			
Source Impedance (single ended)		50		Ω		
Load Impedance (single ended)		50		Ω		
Attenuation (Reference level from 0 dB)						
1805~1830 MHz		10	16		dB	
Input Power Level			15		dBm	
DC Voltage			3		V	
Operating Temperature Range	-40		+85	°C		
Storage Temperature Range		-40		+85	°C	