

## 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: 2130MHz I.L: 3.5dB Max. Operating temperature: 0°C to +70°C Size: 3x3x1.4mm Package type: Surface Mount SF3030AO-2130MHz-A 2130MHz Small Size SMD SAW Filter



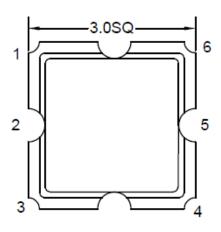
#### **Typical Applications**

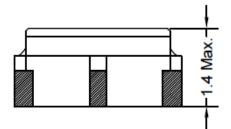
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

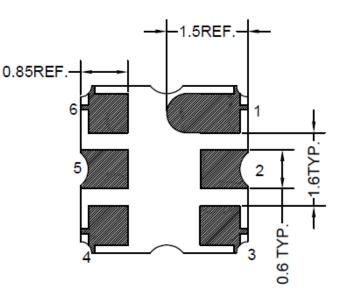
#### **Mechanical Drawing & Pin Connections**



MD240080-1







			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		2130		MHz
Insertion Loss (2100~2160 MHz)	IL		2.9	3.5	dB
Amplitude Ripple (2100~2160 MHz)			1.2	2.0	dB
Attenuation (Reference level from 0 dB)					
1000~2050 MHz		30	31.2		dB
2210~3000 MHz		30	39		dB
Input Power Level			10		dBm
DC Voltage			3		V
Operating Temperature Range		0		+70	°C
Storage Temperature Range		-30		+85	°C