

# Dynamic Engineers Inc.

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

### **Features and Benefits**

Center frequency: 1925MHz I.L: 3.0dB Max. Operating temperature: -20°C to +70°C Size: 3x3x1.4mm Package type: Surface Mount

## SF3030AO-1925MHz-A 1925MHz Small Size SMD SAW Filter



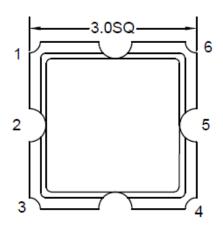
## **Typical Applications**

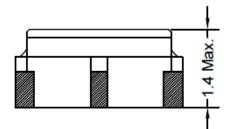
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

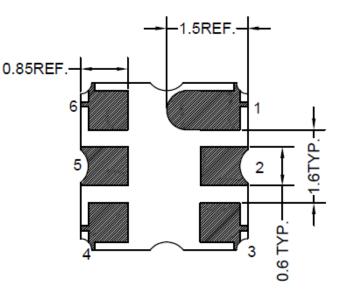
#### **Mechanical Drawing & Pin Connections**



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		1925		MHz		
Insertion Loss (1920~1930 MHz)		1.3	3.0	dB			
Amplitude Ripple (1920~1930 MHz)		0.3	1.3	dB			
VSWR (1920~1930 MHz)		1.3	2.5				
Attenuation (Reference level from 0 dB)							
1700~1810 MHz	30	38		dB			
1810~1855 MHz	20	33		dB			
1985~2100 MHz	30	46		dB			
Source Impedance		50		Ω			
Load Impedance		50		Ω			
Input Power Level			10		dBm		
DC Voltage		3		V			
Operating Temperature Range	-20		+70	°C			
Storage Temperature Range	-40		+85	°C			