

## Dynamic Engineers Inc.

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

#### **Features and Benefits**

Center frequency: 1055MHz I.L: 4.2dB Max. Operating temperature: -55°C to +85°C Size: 3x3x1.4mm Package type: Surface Mount

## SF3030AO-1055MHz-A 1055MHz Small Size SMD SAW Filter



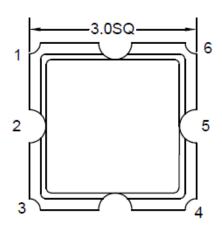
#### **Typical Applications**

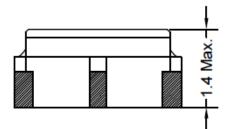
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN **Base Station** Radar

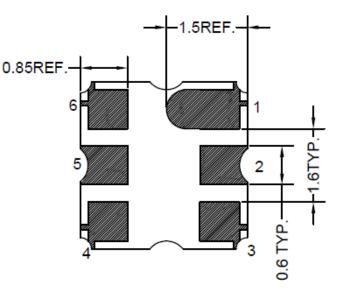
#### **Mechanical Drawing & Pin Connections**



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		1055		MHz		
Insertion Loss (1033~1077 MHz) IL		3.8	4.2	dB		
Amplitude Ripple (1033~1077 MHz)		0.7	1.5	dB		
VSWR (1033~1077 MHz)		1.5	2.4			
Attenuation (Reference level from 0 dB)						
10 ~ 935 MHz	23	28		dB		
1120 ~ 1160 MHz	10	17		dB		
1220 ~ 1420 MHz	25	32		dB		
Temperature Coefficient of Frequency		-80		ppm/°C		
Input Power Level		10		dBm		
DC Voltage		3		V		
Operating Temperature Range	-55		+85	°C		
Storage Temperature Range	-55		+85	°C		