

## Dynamic Engineers Inc.

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

#### **Features and Benefits**

Center frequency: 1030MHz I.L: 4dB Max. Operating temperature: -40°C to +85°C Size: 3x3x1.4mm Package type: Surface Mount

#### **Typical Applications**

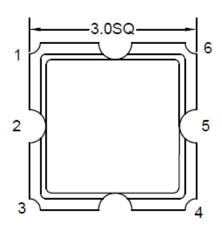
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN **Base Station** Radar

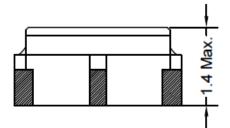
### **Mechanical Drawing & Pin Connections**

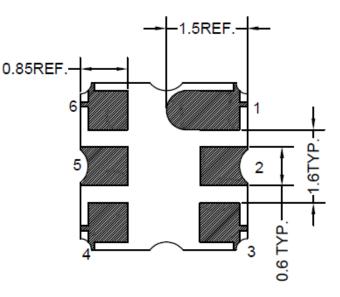


## Drawing No:

MD240080-1







	PIN	Function					
	#2	INPUT					
	#5	OUTPUT					
	Others	GND					
Unit in mm							
1mm = 0.0394 inches							
Not Specified Tolerance: ±0.2mm							

Dynamic Engineers, Inc.

SF3030AO-1030MHz-B 1030MHz Small Size SMD SAW Filter

Dynamic Engineers reserves the right to make changes to the company datasheet(s) along with other information contained inside; such as data tables and araphs without notification to potential customers who may have earlier revisions in their possession.



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#### **Specifications**

Parameter	Min.	Typical	Max.	Units		
Center Frequency Fc		1030		MHz		
Insertion Loss (1027~1033 MHz) IL		2.7	4	dB		
Amplitude ripple (1027~1033 MHz)		1	2.2	dB		
VSWR (1027~1033 MHz)		1.6	2.4			
Attenuation (Reference level from 0 dB)						
DC~910 MHz	45	50		dB		
1046 MHz	5	34		dB		
1090~1300 MHz	45	50		dB		
Temperature coefficient of frequency		-36		ppm/°C		
In/Out Impedance (Single)		50		ohm		
Input Power Level		20		dBm		
DC Voltage		3		V		
Operating Temperature Range	-40		+85	°C		
Storage Temperature Range	-40		+85	°C		