

Dynamic Engineers Inc.

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

Features and Benefits

Center frequency: 888.75MHz I.L: 3dB Max. Operating temperature: 0°C to +50°C Size: 3x3x1.4mm Package type: Surface Mount

SF3030AO-888.75MHz-A 888.75MHz Small Size SMD SAW Filter



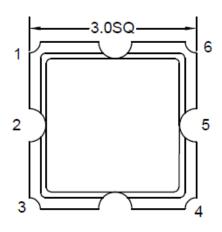
Typical Applications

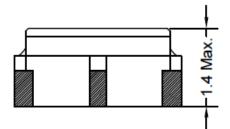
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN **Base Station** Radar

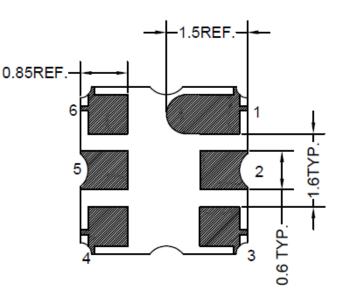
Mechanical Drawing & Pin Connections



MD240080-1







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

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		888.75		MHz	
Insertion Loss (880~897.5 MHz)		1.4	3	dB		
Amplitude Ripple (880~897.5 MHz)		0.8	1.8	dB		
VSWR (880~897.5 MHz)		1.5	2.4			
Attenuation (Reference level from 0 dB)						
10~863.8 MHz		25	40		dB	
863.8~868.75 MHz		12	25		dB	
908.75~910.8 MHz		14	35		dB	
910.8~1500 MHz		25	44		dB	
Temperature Coefficient of Frequency		-36		ppm/k		
Input Power Level		10		dBm		
DC Voltage		3		V		
Operating Temperature Range	0		+50	°C		
Storage Temperature Range	-40		+85	°C		