

Dynamic Engineers Inc.

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

Features and Benefits

Center frequency: 911.92MHz I.L: 4.5dB Max. Operating temperature: -40°C to +85°C Size: 3x3x1.4mm Package type: Surface Mount

SF3030AO-911.92MHz-A 911.92MHz Small Size SMD SAW Filter



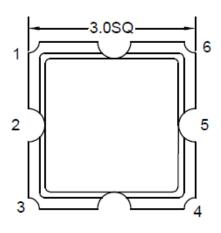
Typical Applications

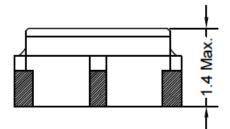
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN **Base Station** Radar

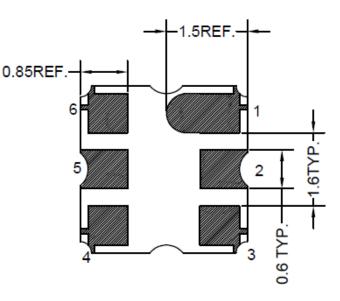
Mechanical Drawing & Pin Connections



MD240080-1







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

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		911.92		MHz		
Insertion Loss (906.42~917.42 MHz)		2.8	4.5	dB			
Amplitude Ripple (906.42~917.42 MHz)		0.8	2.8	dB			
VSWR (906.42~917.42 MHz)		1.3	2.5				
Attenuation (Reference level from 0 dB)							
10~875 MHz		45	51		dB		
894 MHz		14	52		dB		
1005~1500 MHz		45	56		dB		
1500~2000 MHz		40	45		dB		
Temperature Coefficient of Frequency		-36		ppm/k			
Input Power Level		10		dBm			
DC Voltage		5		V			
Operating Temperature Range	-40		+85	°C			
Storage Temperature Range		-40		+85	°C		