

Dynamic Engineers Inc.

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

Features and Benefits

Center frequency: 876.5MHz I.L: 4dB Max. Operating temperature: -30°C to +85°C Size: 3x3x1.4mm Package type: Surface Mount

SF3030AO-876.5MHz-A 876.5MHz Small Size SMD SAW Filter



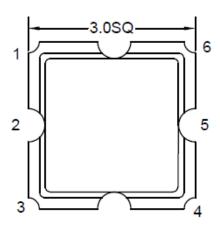
Typical Applications

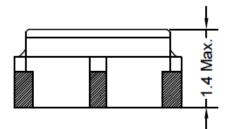
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN **Base Station** Radar

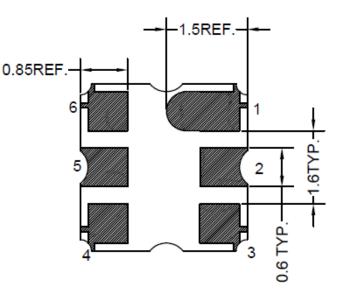
Mechanical Drawing & Pin Connections



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		876.5		MHz		
Insertion Loss (859~894 MHz) IL			3.3	4	dB		
Amplitude Ripple (859~894 MHz)		1.6	2	dB			
Attenuation (Reference level from 0 dB)							
10~840 MHz		40	46		dB		
920~1000 MHz		30	33		dB		
1000~2600 MHz		25	33		dB		
Input/Output Impedance		50		ohm			
Input Power Level		10		dBm			
DC Voltage		3		V			
Operating Temperature Range	-30		+85	°C			
Storage Temperature Range		-40		+85	°C		