

Dynamic Engineers Inc.

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

Features and Benefits

Center frequency: 850MHz I.L: 4.2dB Max. Operating temperature: -20°C to +70°C Size: 3x3x1.4mm Package type: Surface Mount

SF3030AO-850MHz-A 850MHz Small Size SMD SAW Filter



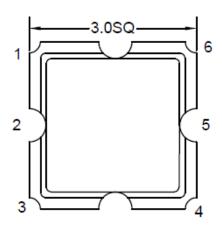
Typical Applications

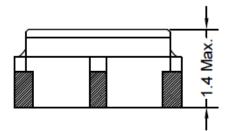
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

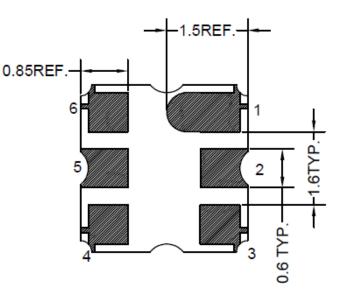
Mechanical Drawing & Pin Connections



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 graphs 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			850		MHz		
Insertion Loss (848~852 MHz)			2.7	4.2	dB		
Amplitude Ripple (848~852 MHz)			0.5	2.2	dB		
VSWR (848~852 MHz)			1.7	2.4			
Attenuation (Reference level from 0 dB)							
10 ~ 833 MHz		35	42		dB		
833 ~ 838 MHz		25	45		dB		
838 ~ 843 MHz		7	18		dB		
867 ~ 1100 MHz		35	49		dB		
Temperature Coefficient of Frequency		-36		ppm/°C			
Input Power Level			10		dBm		
DC Voltage			3		V		
Operating Temperature Range		-20		+70	O°		
Storage Temperature Range		-40		+85	С°С		