

Dynamic Engineers Inc.

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

Features and Benefits

Center frequency: 426.5MHz I.L: 3.5dB Max. Operating temperature: -20°C to +60°C Size: 3x3x1.4mm Package type: Surface Mount

SF3030AO-426.5MHz-A 426.5MHz Small Size SMD SAW Filter



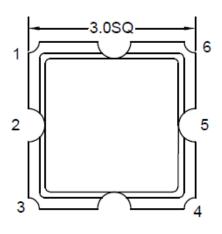
Typical Applications

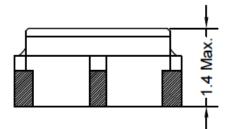
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN **Base Station** Radar

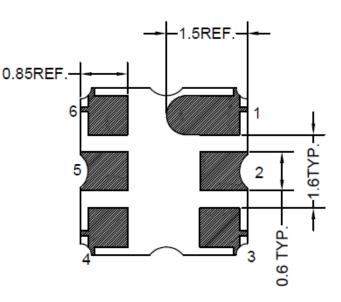
Mechanical Drawing & Pin Connections



MD240080-1







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

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		426.5		MHz		
Insertion Loss (426~427 MHz)		1.7	3.5	dB			
Amplitude Ripple (426~427 MHz)		0.1	1.5	dB			
VSWR (426~427 MHz)		1.3	2.5				
Attenuation (Reference level from 0 dB)							
10~404.6 MHz		45	70		dB		
447.4~460 MHz		35	45		dB		
460~2100 MHz		40	52		dB		
2100~3000 MHz		25	31		dB		
Temperature Coefficient of Frequency		-36		ppm/°C			
Input Power Level		20		dBm			
DC Voltage			3		V		
Operating Temperature Range	-20		+60	С°			
Storage Temperature Range	-40		+85	°C			