

Dynamic Engineers Inc.

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

Features and Benefits

Center frequency: 736.75MHz I.L: 3dB Max. Operating temperature: 0°C to +50°C Size: 3x3x1.4mm Package type: Surface Mount

SF3030AO-736.75MHz-A 736.75MHz Small Size SMD SAW Filter



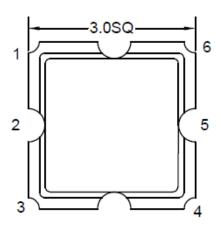
Typical Applications

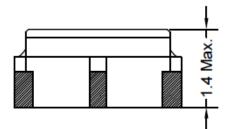
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN **Base Station** Radar

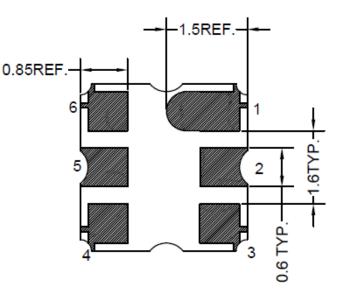
Mechanical Drawing & Pin Connections



MD240080-1







	PIN	Function						
	#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		736.75		MHz		
Insertion Loss (725.5~748 MHz)		2	3	dB			
Amplitude Ripple (725.5~748 MHz)		0.9	1.5	dB			
VSWR (725.5~748 MHz)		2.1	2.4				
Attenuation (Reference level from 0 dB)							
10~713.4 MHz		25	47		dB		
713.4~716.75 MHz		7	15		dB		
756.75~769.5 MHz	4	11		dB			
769.5~1500 MHz	25	34		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		