

Dynamic Engineers Inc.

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

Features and Benefits

Center frequency: 1702.5MHz I.L: 3.0dB Max. Operating temperature: -40°C to +85°C Size: 3x3x1.4mm Package type: Surface Mount

SF3030AO-1702.5MHz-A 1702.5MHz Small Size SMD SAW Filter



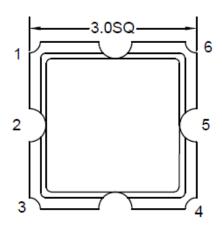
Typical Applications

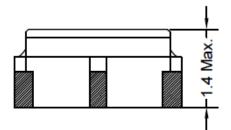
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

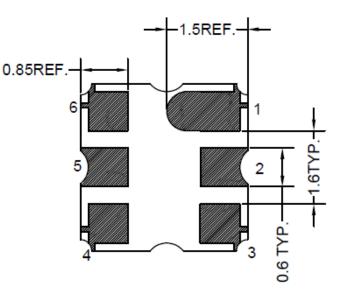
Mechanical Drawing & Pin Connections



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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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 F			1702.5		MHz	
Insertion Loss within (1695~1710 MHz)			2.2	3.0	dB	
Amplitude Variation (1695~1710 MHz)			0.3	1.0	dB(p-p)	
Return Loss (1695~1710 MHz)		10	15		dB	
Attenuation (Reference level from 0 dB)						
10~730 MHz		30	39		dB	
770~1500 MHz		35	39		dB	
1850~3960 MHz		20	34		dB	
Temperature coefficient of frequency			-36		ppm/°C	
Input Power Level			10		dBm	
DC Voltage			3		V	
Operating Temperature Range		-40		+85	°C	
Storage Temperature Range		-40		+85	°C	
Moisture Sensitivity Level		Level 1 (MSL 1)				