

Dynamic Engineers Inc.

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

Features and Benefits

Center frequency: 2462MHz I.L: 4.0dB Max. Operating temperature: -5°C to +70°C Size: 3x3x1.4mm Package type: Surface Mount

SF3030AO-2462MHz-A 2462MHz Small Size SMD SAW Filter



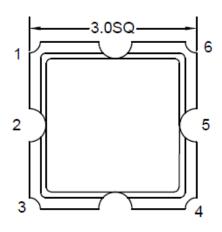
Typical Applications

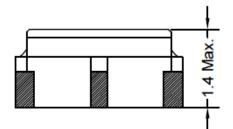
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

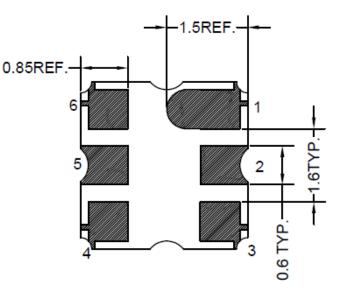
Mechanical Drawing & Pin Connections



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			2462		MHz
Pass Band Frequency		2443		2481	MHz
Insertion Loss 1 (2453~2471 MHz)			3.0	3.5	dB
Insertion Loss 2			3.2	4.0	dB
(other Frequency within Pass Band)	IL		0.2	4.0	üВ
Amplitude Ripple (2443~2481 MHz)			1.2	2.5	dB
Return Loss (2443~2481 MHz)		9.2	13		dB
Attenuation (Reference level from 0 dB)					
800~2170 MHz		40	41.7		dB
2170~2300 MHz		30	47		dB
2300~2390 MHz		30	35		dB
Input Power Level			16		dBm
DC Voltage			3		V
Operating Temperature Range		-5		+70	С°
Storage Temperature Range		-40		+95	С°С
Moisture Sensitivity Level		Level 1			
ESD (MM)		50		V	
ESD (HBM)			100		V