

Dynamic Engineers Inc.

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

Features and Benefits

Center frequency: 2427.5MHz I.L: 4.0dB Max. Operating temperature: -20°C to +70°C Size: 3x3x1.4mm Package type: Surface Mount SF3030AO-2427.5MHz-A 2427.5MHz Small Size SMD SAW Filter



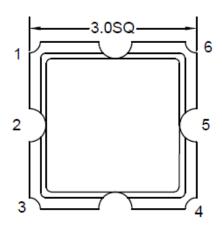
Typical Applications

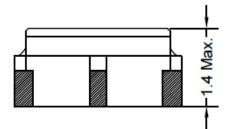
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

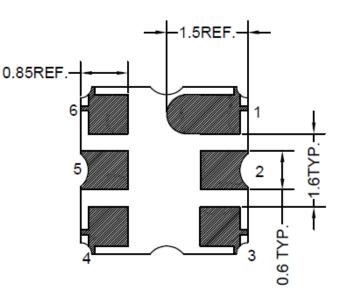
Mechanical Drawing & Pin Connections



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	Fc		2427.5		MHz		
Insertion Loss (2400~2455 MHz)	IL		3.0	4.0	dB		
Amplitude Ripple (2400~2455 MHz)			1.8	2.5	dB		
Return Loss (2400~2455 MHz)		9.2	12		dB		
Attenuation (Reference level from 0 dB)							
800~1900 MHz		30	33		dB		
1900~2250 MHz		35	38		dB		
2496~2690 MHz		30	43		dB		
Temperature Coefficient of Frequency			-36		ppm/°C		
Input Power Level			10		dBm		
DC Voltage			3		V		
Operating Temperature Range		-20		+70	°C		
Storage Temperature Range		-40		+85	°C		
Moisture Sensitivity Level		Level 1					