

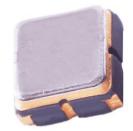
Dynamic Engineers Inc.

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

Features and Benefits

Center frequency: 2450MHz I.L: 3.5dB Max. Operating temperature: -20°C to +70°C Size: 3x3x1.4mm Package type: Surface Mount

SF3030AO-2450MHz-A 2450MHz Small Size SMD SAW Filter



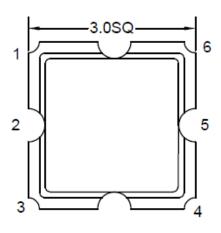
Typical Applications

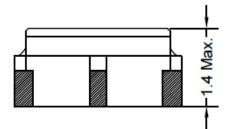
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

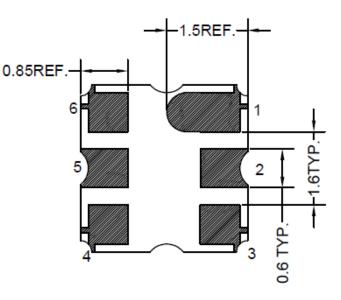
Mechanical Drawing & Pin Connections



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 Fo			2450		MHz	
Insertion Loss (2425~2475 MHz) IL			2.5	3.5	dB	
Amplitude Ripple (2425~2475 MHz)			0.9	2.0	dB	
VSWR (2425~2475 MHz)			2	2.5		
Attenuation (Reference level from 0 dB)						
D.C.~2330 MHz		25	31		dB	
2330~2360 MHz		30	40		dB	
2600~3500 MHz		30	38		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		-30		+85	°C	