

Dynamic Engineers Inc.

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

Features and Benefits

Center frequency: 980MHz I.L: 3.6dB Max. Operating temperature: -40°C to +85°C Size: 3x3x1.4mm Package type: Surface Mount SF3030AO-980MHz-A 980MHz Small Size SMD SAW Filter



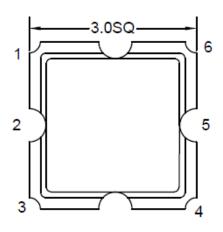
Typical Applications

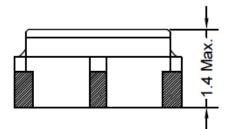
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

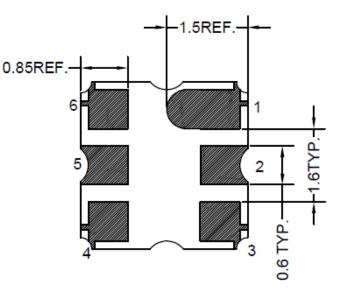
Mechanical Drawing & Pin Connections



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		980		MHz		
Insertion Loss (960~1000 MHz)	IL		2.7	3.6	dB		
Amplitude Ripple (960~1000 MHz)			1.1	2.5	dB		
Attenuation (Reference level from 0 dB)							
500~800 MHz		35	48		dB		
1150~1500 MHz		38	41		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(MSL1)					