

Dynamic Engineers Inc.

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

Features and Benefits

Center frequency: 980MHz I.L: 3.8dB Max. Operating temperature: -40°C to +85°C Size: 3x3x1.4mm Package type: Surface Mount SF3030AO-980MHz-B 980MHz Small Size SMD SAW Filter



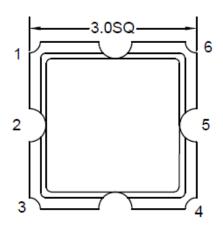
Typical Applications

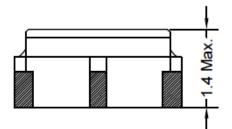
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

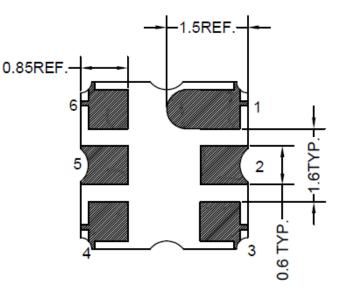
Mechanical Drawing & Pin Connections



MD240080-1







	PIN	Function						
	#2	INPUT						
	#5	OUTPUT						
	Others	GND						
Unit in mm								
1mm = 0.0394 inches								
Not Specified Tolerance: ±0.2mm								

Dynamic Engineers, Inc.

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.



Dynamic Engineers Inc.

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

Specifications

Parameter		Min.	Typical	Max.	Units		
Center Frequency	Fc		980		MHz		
Insertion Loss (960~1000 MHz)	IL		2.6	3.8	dB		
Amplitude Ripple (960~1000 MHz)			0.4	2.0	dB		
Return Loss (960~1000 MHz)	12	17		dB			
Attenuation (Reference level from 0 dB)							
500~800 MHz		35	42		dB		
1150~1500 MHz		38	41		dB		
Temperature Coefficient of Frequency		-75		ppm/°C			
Input Power Level			10		dBm		
DC Voltage			3		V		
Operating Temperature Range		-40		+85	O°		
Storage Temperature Range		-40		+85	O°		
Moisture Sensitivity Level		Level 1(MSL1)					