

Dynamic Engineers Inc.

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

Features and Benefits

Center frequency: 954.3MHz I.L: 3.0dB Max. Operating temperature: -40°C to +85°C Size: 3x3x1.4mm Package type: Surface Mount SF3030AO-954.3MHz-A 954.3MHz Small Size SMD SAW Filter



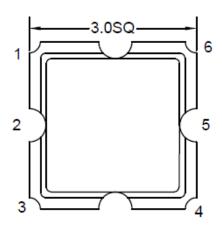
Typical Applications

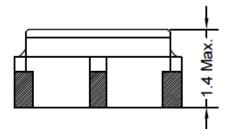
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

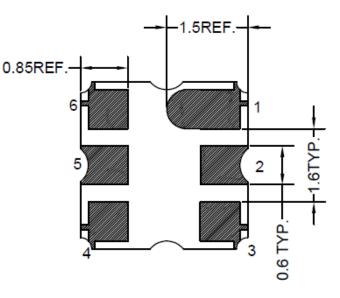
Mechanical Drawing & Pin Connections



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		954.3		MHz	
Insertion Loss (949.3~959.3 MHz)	IL		1.6	3.0	dB	
Amplitude Ripple (949.3~959.3 MHz)			0.3	1.8	dB	
VSWR (949.3~959.3 MHz)			1.5	2.0		
Attenuation (Reference level from 0dB)						
355 ~ 920 MHz		33	41		dB	
985 ~ 1555 MHz		35	44		dB	
Temperature Coefficient of Frequency			-36		ppm/K	
Input Power Level			10		dBm	
DC Voltage			3		V	
Operating Temperature Range		-40		+85	°C	
Storage Temperature Range		-40		+85	°C	