

Dynamic Engineers Inc.

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

Features and Benefits

Center frequency: 950.75MHz I.L: 3.5dB Max. Operating temperature: -40°C to +85°C Size: 3x3x1.4mm Package type: Surface Mount SF3030AO-950.75MHz-A 950.75MHz Small Size SMD SAW Filter



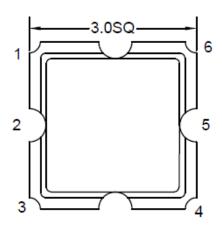
Typical Applications

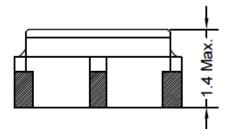
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

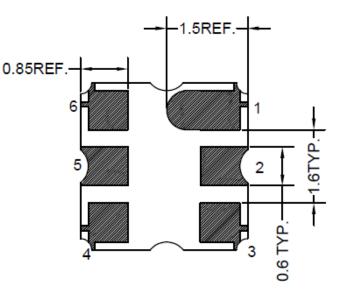
Mechanical Drawing & Pin Connections



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		950.75		MHz	
Insertion Loss (941.5~960 MHz)	IL		2.25	3.5	dB	
Amplitude Ripple (941.5~960 MHz)			1.12	2.2	dB	
VSWR (941.5~960 MHz)			1.76	2.0		
Group Delay at Fc			33.6	45	ns	
Group Delay Ripple (941.5~960 MHz)			28.09	60	ns	
Attenuation (Reference level from 0 dB)						
355 ~ 917 MHz		33	40		dB	
985 ~ 1555 MHz		35	45		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°	
Moisture Sensitivity Level		Level 1 (MSL1)				