

Dynamic Engineers Inc.

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

Features and Benefits

Center frequency: 925.8MHz I.L: 2.8dB Max. Operating temperature: -40°C to +85°C Size: 3x3x1.4mm Package type: Surface Mount SF3030AO-925.8MHz-A 925.8MHz Small Size SMD SAW Filter



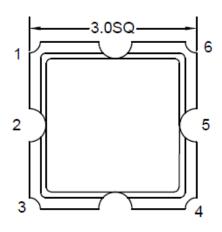
Typical Applications

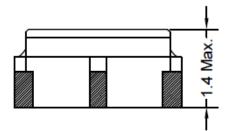
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

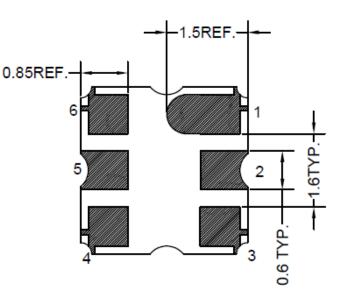
Mechanical Drawing & Pin Connections



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			925.8		MHz		
Insertion Loss (923.5~928.1 MHz) IL			2.2	2.8	dB		
Amplitude Ripple (923.5~928.1 MHz)			0.3	1.3	dB		
VSWR (923.5~928.1 MHz)			1.4	2.0			
Attenuation (Reference level from 0dB)							
10 ~ 815 MHz		40	43		dB		
815 ~ 830 MHz		40	43		dB		
830 ~ 875 MHz		40	42		dB		
875 ~ 905 MHz		27	42		dB		
905 ~ 915 MHz		12	25		dB		
945 ~ 950 MHz		35	60		dB		
950 ~ 1150 MHz		50	54		dB		
1150 ~ 1856 MHz		32	42		dB		
1856 ~ 2500 MHz		26	37		dB		
Temperature Coefficient of Frequency			-36		ppm/K		
Input Power Level			20		dBm		
DC Voltage			3		V		
Operating Temperature Range		-40		+85	°C		
Storage Temperature Range		-40		+85	°C		
Moisture Sensitivity Level		Level 1 (MSL1)					