

Dynamic Engineers Inc.

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

Features and Benefits

Center frequency: 895MHz I.L: 5.2dB Max. Operating temperature: -40°C to +85°C Size: 3x3x1.4mm Package type: Surface Mount SF3030AO-895MHz-C 895MHz Small Size SMD SAW Filter



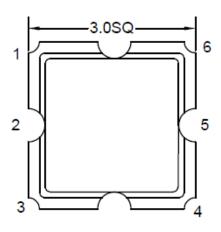
Typical Applications

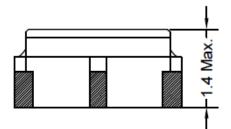
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

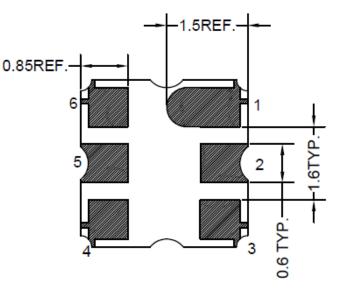
Mechanical Drawing & Pin Connections



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		895		MHz		
Insertion Loss (860~930 MHz)	IL		4.1	5.2	dB		
Amplitude Ripple (860~930 MHz)			2.2	3.2	dB		
Attenuation (Reference level from 0 dB)							
D.C. ~ 800 MHz		18	26		dB		
1000 ~ 1500 MHz		18	27		dB		
Temperature Coefficient of Frequency		-80		ppm/°C			
Input Power Level		15		dBm			
DC Voltage			3		V		
Operating Temperature Range	-40		+85	°C			
Storage Temperature Range	-40		+85	°C			
Moisture Sensitivity Level		Level 1(MSL1)					