

Dynamic Engineers Inc.

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

Features and Benefits

Center frequency: 895MHz I.L: 3.0dB Max. Operating temperature: -30°C to +80°C Size: 3x3x1.4mm Package type: Surface Mount SF3030AO-895MHz-B 895MHz Small Size SMD SAW Filter



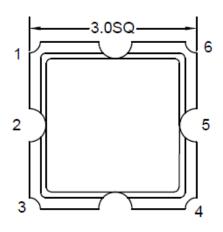
Typical Applications

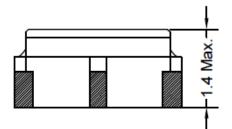
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

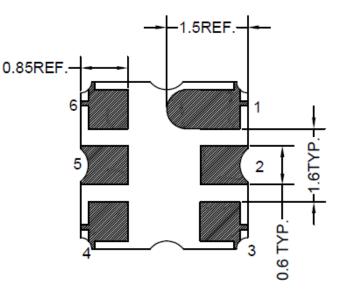
Mechanical Drawing & Pin Connections



MD240080-1







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

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 (894~896 MHz)	IL		2.6	3.0	dB		
Amplitude Ripple (894~896 MHz)			0.3	1.0	dB		
Return Loss (894~896 MHz)		9	12		dB		
Attenuation (Reference level from 0 dB)							
10 ~ 851 MHz		40	56		dB		
1030 ~ 1100 MHz		40	54		dB		
1100 ~ 2600 MHz		25	33		dB		
Temperature Coefficient of Frequency		-36		ppm/°C			
Input Power Level			15		dBm		
DC Voltage			5		V		
Operating Temperature Range	-30		+80	C°			
Storage Temperature Range	-40		+85	C°			
Moisture Sensitivity Level		Level 1(MSL1)					