

Dynamic Engineers Inc.

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

Features and Benefits

Center frequency: 881.5MHz I.L: 3.5dB Max. Operating temperature: -40°C to +70°C Size: 3x3x1.4mm Package type: Surface Mount SF3030AO-881.5MHz-F 881.5MHz Small Size SMD SAW Filter



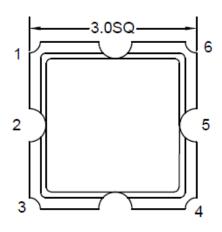
Typical Applications

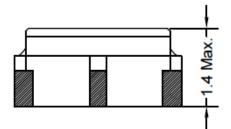
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

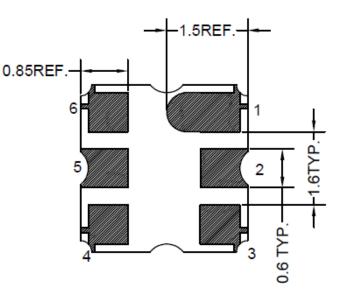
Mechanical Drawing & Pin Connections



MD240080-1







			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		881.5		MHz		
Insertion Loss (869~894 MHz)	IL		2.8	3.5	dB		
Amplitude Ripple (869~894 MHz)			0.7	1.6	dB		
VSWR (869~894 MHz)			1.6	2.0			
Attenuation (Reference level from 0 dB)							
D.C. ~ 779 MHz		50	60.1		dB		
779 ~ 849 MHz		45	49.8		dB		
914 ~ 970 MHz		28	31.1		dB		
970 ~ 1049 MHz		50	62.1		dB		
1049 ~ 2000 MHz		40	47.2		dB		
Input Power Level		15		dBm			
DC Voltage		-5		5	V		
Operating Temperature Range	-40		+70	°C			
Storage Temperature Range	-40		+100	°C			
Source impedance (single ended)		50		Ω			
Load impedance (single ended)		50		Ω			