

Dynamic Engineers Inc.

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

Features and Benefits

Center frequency: 629MHz I.L: 3dB Max. Operating temperature: -30°C to +85°C Size: 3x3x1.4mm Package type: Surface Mount

SF3030AO-629MHz-A 629MHz Small Size SMD SAW Filter



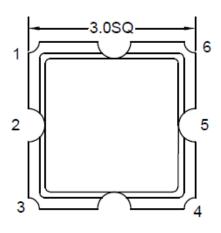
Typical Applications

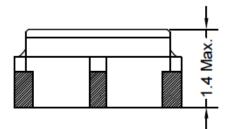
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN **Base Station** Radar

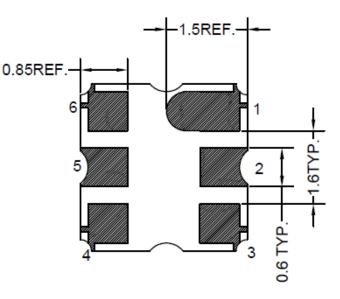
Mechanical Drawing & Pin Connections



MD240080-1







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

Dynamic Engineers, Inc.

Dynamic Engineers reserves the right to make changes to the company datasheet(s) along with other information contained inside; such as data tables and araphs without notification to potential customers who may have earlier revisions in their possession.



Dynamic Engineers Inc.

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

Specifications

Parameter	Min.	Typical	Max.	Units			
Center Frequency	Fc		629		MHz		
Insertion Loss (626.5~631.5 MHz)		1.45	3	dB			
Amplitude Ripple (626.5~631.5 MHz)		0.25	2	dB			
VSWR (626.5~631.5 MHz)		1.7	2				
Group Delay Ripple (626.5~631.5 MHz)		14	80	ns			
Attenuation (Reference level from 0 dB)							
0~560 MHz		45	56		dB		
560~595 MHz		40	52		dB		
660~680 MHz		25	40		dB		
680~700 MHz		35	49		dB		
700~1000 MHz		45	51		dB		
1000~1500 MHz		35	43		dB		
Temperature Coefficient of Frequency		-36		ppm/°C			
Input Power Level		10		dBm			
DC Voltage		3		V			
Operating Temperature Range	-30		+85	°C			
Storage Temperature Range		-40		+85	O°		