

Dynamic Engineers Inc.

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

Features and Benefits

Center frequency: 1059MHz I.L: 3dB Max. Operating temperature: -40°C to +85°C Size: 3x3x1.4mm Package type: Surface Mount

SF3030AO-1059MHz-A 1059MHz Small Size SMD SAW Filter



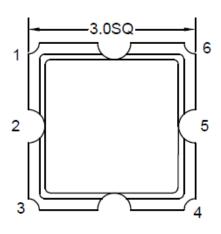
Typical Applications

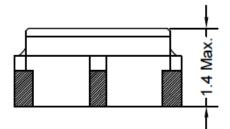
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN **Base Station** Radar

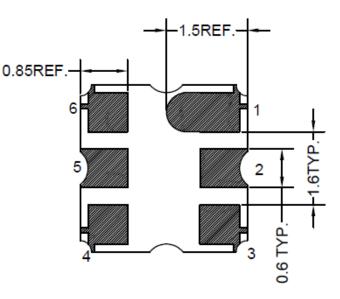
Mechanical Drawing & Pin Connections



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 araphs 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		1059		MHz		
Insertion Loss (1051~1067 MHz) IL		1.7	3	dB		
Amplitude Ripple (1051~1067 MHz)		0.65	2	dB		
Amplitude Ripple over 3 MHz		0.5	1	dB		
VSWR (1051~1067 MHz)		1.7	2.4			
Group Delay Variation over 3 MHz		7	20	ns		
Attenuation (Reference level from 0 dB)						
DC~1030 MHz	30	35.5		dB		
1030~1034 MHz	15	24		dB		
1084~1088 MHz	15	37		dB		
1088~2000 MHz	30	37		dB		
Temperature Coefficient of Frequency		-36		ppm/°C		
In/Out Impedance (Single)		50		ohm		
Input Power Level		10		dBm		
DC Voltage		3		V		
Operating Temperature Range	-40		+85	С°С		
Storage Temperature Range	-40		+85	°C		