

Dynamic Engineers Inc.

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

Features and Benefits

Center frequency: 1056MHz I.L: 3.5dB Max. Operating temperature: -30°C to +85°C Size: 3x3x1.4mm Package type: Surface Mount

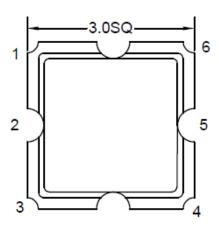
Typical Applications

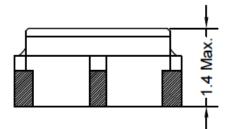
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN **Base Station** Radar

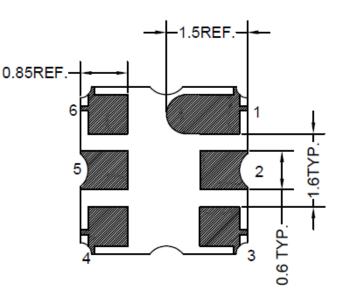
Mechanical Drawing & Pin Connections



MD240080-1







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

SF3030AO-1056MHz-A 1056MHz Small Size SMD SAW Filter

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		1056		MHz		
Insertion Loss (1041~1071 MHz) IL		2.6	3.5	dB		
Amplitude Ripple (1041~1071 MHz)		0.8	1.5	dB		
VSWR (1041~1071 MHz)		1.9	2.2			
Attenuation (Reference level from 0 dB)						
Fc - 50 MHz	40	42		dB		
Fc + 50 MHz	25	34		dB		
Fc + 90 MHz	40	46		dB		
Temperature Coefficient of Frequency		-36		ppm/°C		
Input Power Level		10		dBm		
DC Voltage		0		V		
Operating Temperature Range	-30		+85	С°		
Storage Temperature Range	-40		+85	С°		
Moisture Sensitivity Level		Level 1(MSL1)				