

Dynamic Engineers Inc.

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

Features and Benefits

Center frequency: 1095MHz I.L: 4.2dB Max. Operating temperature: -55°C to +85°C Size: 3x3x1.4mm Package type: Surface Mount

SF3030AO-1095MHz-A 1095MHz Small Size SMD SAW Filter



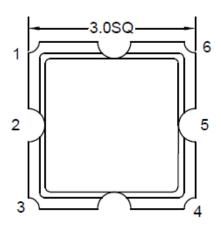
Typical Applications

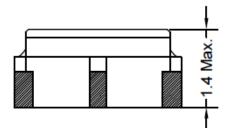
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN **Base Station** Radar

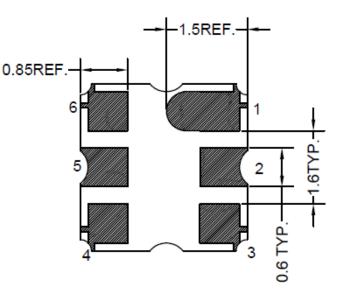
Mechanical Drawing & Pin Connections



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		1095		MHz		
Insertion Loss (1073~1117 MHz) IL		3.8	4.2	dB		
Amplitude Ripple (1073~1117 MHz)		0.6	1.5	dB		
VSWR (1073~1117 MHz)		1.4	2.4			
Attenuation (Reference level from 0 dB)						
10 ~ 975 MHz	23	29		dB		
1160 ~ 1200 MHz	10	15		dB		
1260 ~ 1460 MHz	25	33		dB		
Temperature Coefficient of Frequency		-80		ppm/°C		
Input Power Level		10		dBm		
DC Voltage		3		V		
Operating Temperature Range	-55		+85	°C		
Storage Temperature Range	-55		+85	°C		