

Dynamic Engineers Inc.

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

Features and Benefits

Center frequency: 1636.375MHz I.L: 4.2dB Max. Operating temperature: -20°C to +70°C Size: 3x3x1.4mm Package type: Surface Mount

SF3030AO-1636.375MHz-A 1636.375MHz Small Size SMD SAW Filter



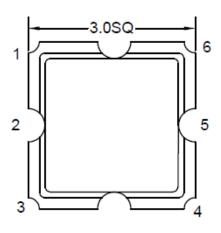
Typical Applications

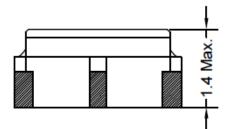
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN **Base Station** Radar

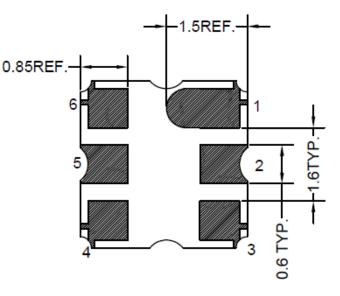
Mechanical Drawing & Pin Connections



MD240080-1







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

Dynamic Engineers 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: <u>www.DynamicEngineers.com</u> Email: <u>Inquiry@DynamicEngineers.com</u>

Specifications

Parameter	Min.	Typical	Max.	Units
Center Frequency Fc		1636.375		MHz
Insertion Loss (1630.375~1642.375 MHz) IL		2.6	4.2	dB
Group Delay Variation (1630.375~1642.375 MHz)			20	ns
Amplitude Ripple (1630.375~1642.375 MHz)		1	2	dB
Attenuation				
1529~1534 MHz	40	45		dB
1574~1576.375 MHz	40	45		dB
1576.375~1588.375 MHz	40	45		dB
Tamb @ measured fcenter	50°C			
In/Out Impedance (Single)		50		ohm
Input Power Level		13		dBm
DC Voltage		6		V
Operating Temperature Range	-20		+70	°C
Storage Temperature Range	-40		+80	°C
Moisture Sensitivity Level	Level 1(MSL1)			