

Dynamic Engineers Inc.

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

SF3030AO-2226.5MHz-A 2226.5MHz Small Size SMD SAW Filter

Features and Benefits

Center frequency: 2226.5MHz

I.L: 4.0dB Max.

Operating temperature: -30°C to +80°C

Size: 3x3x1.4mm

Package type: Surface Mount



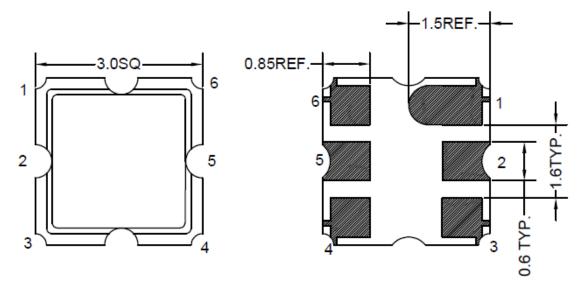
Typical Applications

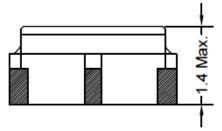
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

Mechanical Drawing & Pin Connections

Drawing No:

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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Specifications

Parameter		Min.	Typical	Max.	Units
Center Frequency	Fc		2226.5		MHz
Insertion Loss (2224~2229 MHz)	IL		3.0	4.0	dB
Amplitude Ripple (2224~2229 MHz)			0.8	1.5	dB
VSWR (2224~2229 MHz)			1.5	2.0	
Group Delay (2224~2229 MHz)			30	35	ns
Attenuation (Reference level from 0 dB)					
D.C.~2050 MHz		40	45		dB
2050~2150 MHz		40	45		dB
2150~2170 MHz		35	42		dB
2300~2400 MHz		50	54		dB
2400~3000 MHz		40	45		dB
Source Impedance			50		Ω
Load Impedance			50		Ω
Input Power Level			10		dBm
DC Voltage			3		V
Operating Temperature Range	_	-30		+80	°C
Storage Temperature Range		-40		+85	°C