

Dynamic Engineers Inc.

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

SF3030AO-2332.5MHz-A 2332.5MHz Small Size SMD SAW Filter

Features and Benefits

Center frequency: 2332.5MHz

I.L: 0.65dB Max.

Operating temperature: -40°C to +105°C

Size: 3x3x1.4mm

Package type: Surface Mount



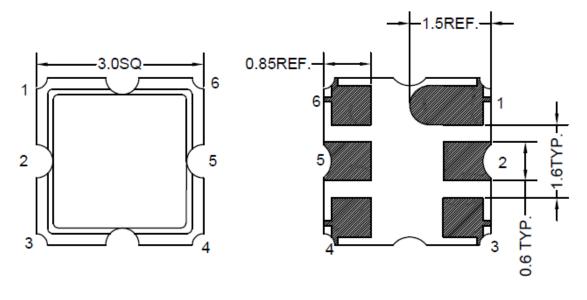
Typical Applications

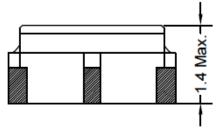
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

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 Parame	Min.	Typical	Max.	Units	
Center Frequency Fc		2332.5		MHz	
Insertion Loss (2320~2345 MHz) IL		0.5	0.6 1)	dB	
Insertion Loss (2320~2345 MHz) IL		0.5	0.65	dB	
Amplitude Ripple (2320~2345 MHz)		0.12	0.35	dB	
Variation of Group Delay (2320~2345 MHz)		2	5	ns	
VSWR (2320~2345 MHz)		1.3	1.5		
Attenuation (Reference level from 0 dB)					
698~894 MHz	13	15		dB	
1710~1750 MHz	11	13		dB	
1850~1990 MHz	12	14		dB	
2400~2484 MHz	15	17		dB	
2496~2690 MHz	14	16		dB	
3400~3500 MHz	17	19		dB	
Source Impedance		50		Ω	
Load Impedance		50		Ω	
Temperature Coefficient of Frequency		-36		ppm/K	
Input Power Level		20		dBm	
DC Voltage		3		V	
Operating Temperature Range	-40		+105	°C	
Storage Temperature Range	-40		+105	°C	
Moisture Sensitivity Level		Level 3			

Note: 1) 0.6dB for 25°C