

Dynamic Engineers Inc.

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

SF3030AO-1962.5MHz-A 1962.5MHz Small Size SMD SAW Filter

Features and Benefits

Center frequency: 1962.5MHz

I.L: 3.5dB Max.

Operating temperature: -20°C to +70°C

Size: 3x3x1.4mm

Package type: Surface Mount



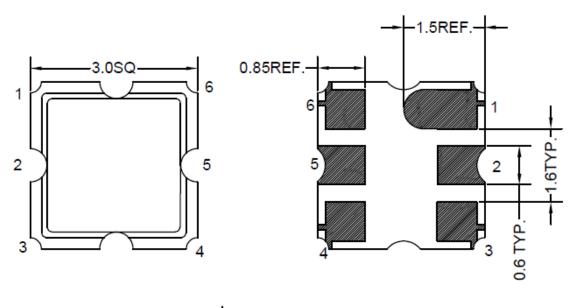
Typical Applications

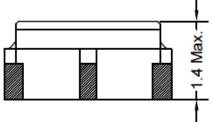
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

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		1962.5		MHz
Insertion Loss (1930~1995 MHz)	IL		2.6	3.5	dB
Amplitude Ripple (1930~1995 MHz)			1.4	2.2	dB
Return Loss (1930~1995 MHz)		8.5	11		dB
Attenuation (Reference level from 0 dB)					
1710~1755 MHz		10	32		dB
1850~1915 MHz		5	11		dB
2010~2020 MHz		5	8		dB
Temperature Coefficient of Frequency			-36		ppm/°C
Input Power Level			12		dBm
DC Voltage			3		V
Operating Temperature Range		-20		+70	°C
Storage Temperature Range		-40		+85	°C