

# Dynamic Engineers Inc.

Website: <a href="www.DynamicEngineers.com">www.DynamicEngineers.com</a></a> Email: <a href="mailto:lnquiry@DynamicEngineers.com">lnquiry@DynamicEngineers.com</a>

## SF3030AO-931MHz-A

931MHz Small Size SMD SAW Filter

#### **Features and Benefits**

Center frequency: 931MHz

I.L: 3.0dB Max.

Operating temperature: -20°C to +85°C

Size: 3x3x1.4mm

Package type: Surface Mount



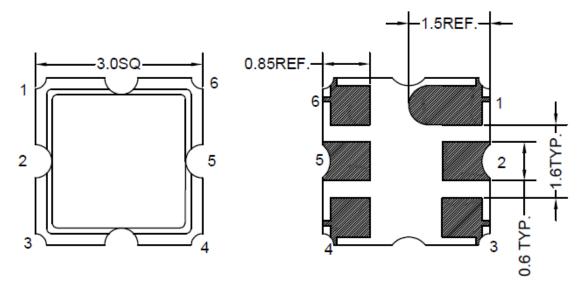
#### **Typical Applications**

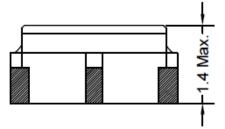
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

#### **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		931		MHz	
Insertion Loss (924.5~937.5 MHz)	IL		1.84	3.0	dB	
Pass Band (924.5~937.5 MHz)		13	25		MHz	
Attenuation (Reference level from 0dB)						
100 ~ 850 MHz		50	63		dB	
1020 ~ 1200 MHz		50	58		dB	
Temperature Coefficient of Frequency			-36		ppm/°C	
Input Power Level			10		dBm	
DC Voltage			3		V	
Operating Temperature Range		-20		+85	°C	
Storage Temperature Range		-55		+125	°C	
Source impedance			50		Ω	
Load impedance			50		Ω	
Moisture Sensitivity Level		Level 1 (MSL1)				