

### 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-1230MHz-A 1230MHz Small Size SMD SAW Filter

#### **Features and Benefits**

Center frequency: 1230MHz

I.L: 3.8dB Max.

Operating temperature: -40°C to +85°C

Size: 3x3x1.4mm

Package type: Surface Mount



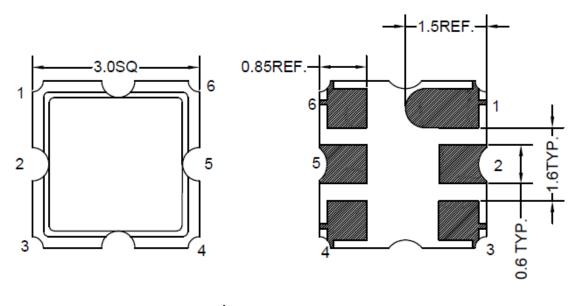
#### **Typical Applications**

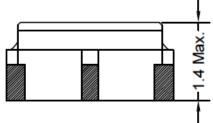
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

#### **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		1230		MHz	
Insertion Loss (1220~1260 MHz)	IL		2.8	3.8	dB	
Insertion Loss (1170~1290 MHz)	IL		5.3	6.4	dB	
Pass Band Ripple (1170~1290 MHz	)		3.2	4.4	dB	
Attenuation (Reference level from 0 dB)						
100~1000 MHz		22	27		dB	
1360~2500 MHz		22	29		dB	
Temperature Coefficient of Frequence	СУ		-80		ppm/°C	
Input Power Level			10		dBm	
DC Voltage			3		V	
Operating Temperature Range		-40		+85	°C	
Storage Temperature Range		-40		+85	°C	