

# 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-1135MHz-A

1135MHz Small Size SMD SAW Filter

#### **Features and Benefits**

Center frequency: 1135MHz

I.L: 4.2dB Max.

Operating temperature: -55°C to +85°C

Size: 3x3x1.4mm

Package type: Surface Mount



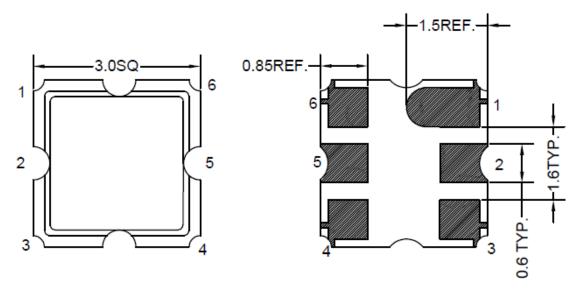
#### **Typical Applications**

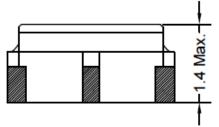
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

#### **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		1135		MHz		
Insertion Loss (1113~1157 MHz) IL		3.8	4.2	dB		
Amplitude Ripple (1113~1157 MHz)		0.6	1.5	dB		
VSWR (1113~1157 MHz)		1.5	2.4			
Attenuation (Reference level from 0 dB)						
10 ~ 1015 MHz	23	29		dB		
1200 ~ 1240 MHz	10	14		dB		
1300 ~ 1500 MHz	25	32		dB		
Temperature Coefficient of Frequency		-80		ppm/°C		
Input Power Level		10		dBm		
DC Voltage		3		V		
Operating Temperature Range	-55		+85	°C		
Storage Temperature Range	-55		+85	°C		