

## Dynamic Engineers Inc.

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

#### **Features and Benefits**

Center frequency: 1191.795MHz I.L: 4.5dB Max. Operating temperature: -55°C to +95°C Size: 3x3x1.4mm Package type: Surface Mount

### SF3030AO-1191.795MHz-A 1191.795MHz Small Size SMD SAW Filter



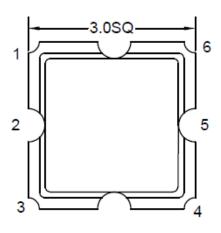
#### **Typical Applications**

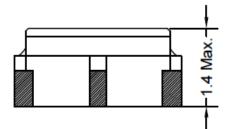
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN **Base Station** Radar

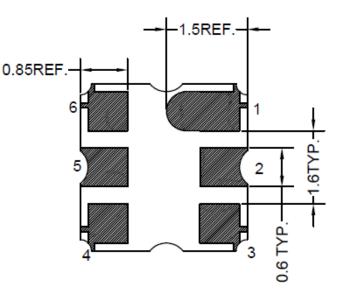
#### **Mechanical Drawing & Pin Connections**



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		1191.795		MHz		
Insertion Loss (1175.795~1207.795 MHz) IL			2.4	4.5	dB		
Amplitude Ripple (1175.795~1207.795 MHz)			0.7	2.8	dB		
VSWR (1175.795~1207.795 MHz)			2.1	2.5			
Attenuation (Reference level from 0 dB)							
0.3~300 MHz		30	36		dB		
300~1110 MHz		24	30		dB		
1110~1145 MHz		28	34		dB		
1250~1290 MHz		28	37		dB		
1290~1780 MHz		27	32		dB		
1780~2000 MHz		30	34		dB		
Temperature Coefficient of Frequency			-36		ppm/°C		
Input Power Level			10		dBm		
DC Voltage			3		V		
Operating Temperature Range		-55		+95	С°		
Storage Temperature Range		-55		+95	°C		
Moisture Sensitivity Level		Level 1(MSL1)					