

Dynamic Engineers Inc.

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

Features and Benefits

Center frequency: 1832.5MHz I.L: 3.8dB Max. Operating temperature: -30°C to +85°C Size: 3x3x1.4mm Package type: Surface Mount

SSF3030AO-1832.5MHz-A 1832.5MHz Small Size SMD SAW Filter



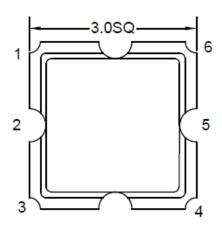
Typical Applications

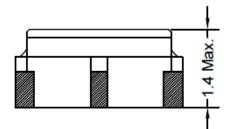
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

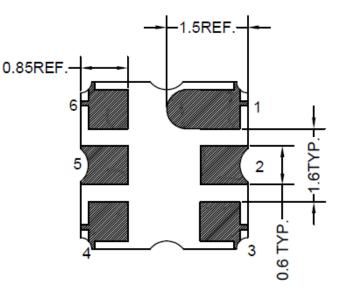
Mechanical Drawing & Pin Connections



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			1832.5		MHz
Insertion Loss (1805~1860 MHz)			1.8	3.8	dB
Amplitude Ripple (1805~1860 MHz)			0.9	2.3	dB
Source Impedance			50		Ω
Load Impedance			50		Ω
Attenuation (Reference level from 0 dB)					
0.3~1710 MHz		20	26		dB
1930~3000 MHz		20	31		dB
Input Power Level			13		dBm
DC Voltage			3		V
Operating Temperature Range		-30		+85	°C
Storage Temperature Range		-40		+85	°C