

Dynamic Engineers Inc.

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

SF3030AO-1827.5MHz-A 1827.5MHz Small Size SMD SAW Filter

Features and Benefits

Center frequency: 1827.5MHz

I.L: 3.5dB Max.

Operating temperature: -40°C to +85°C

Size: 3x3x1.4mm

Package type: Surface Mount



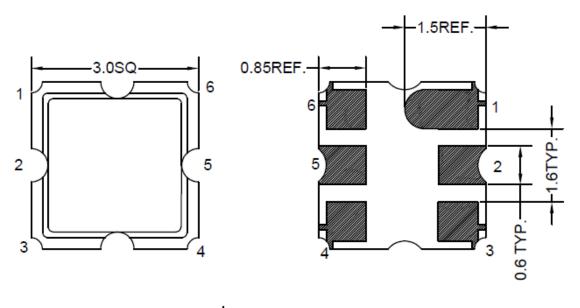
Typical Applications

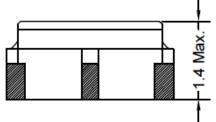
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

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		1827.5		MHz
Insertion Loss (1805~1850 MHz)	L		2.0	3.5	dB
Amplitude Ripple (1805~1850 MHz)			0.7	2.0	dB
VSWR (1805~1850 MHz)			1.5	2.5	
Attenuation (Reference level from 0 dB)					
1627~1727 MHz		25	31		dB
1927~2027 MHz		25	33		dB
Input Power Level			10		dBm
DC Voltage			3		V
Operating Temperature Range		-40		+85	°C
Storage Temperature Range		-40		+85	°C