

Dynamic Engineers Inc.

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

SF3030AO-1885MHz-A 1885MHz Small Size SMD SAW Filter

Features and Benefits

Center frequency: 1885MHz

I.L: 3.8dB Max.

Operating temperature: -30°C to +85°C

Size: 3x3x1.4mm

Package type: Surface Mount



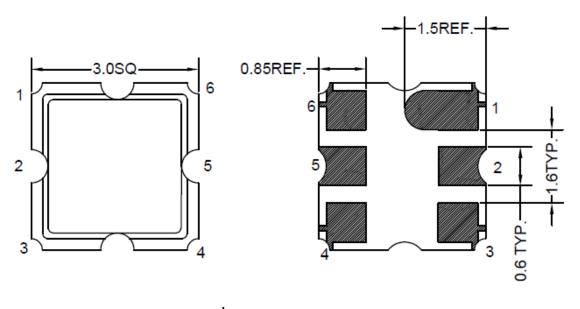
Typical Applications

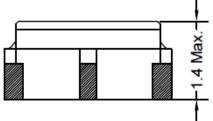
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

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		1885		MHz		
Insertion Loss (1850~1920 MHz)	IL		2.4	3.8	dB		
Amplitude Ripple (p-p) (1850~1920 MHz)			1.2	2.5	dB		
VSWR (1850~1920 MHz)			1.9	2.6			
Attenuation (Reference level from 0 dB)							
D.C.~1542.5 MHz		14.0	24.5		dB		
1542.5~1752.5 MHz		15.0	26.0		dB		
1752.5~1827.5 MHz		10.0	17.5		dB		
1962.5~ 3162.5 MHz		17.0	30.0		dB		
3162.5~4000 MHz		14.0	30.0		dB		
Source Impedance			50		Ω		
Load Impedance			50		Ω		
Input Power Level			10		dBm		
DC Voltage			3		V		
Operating Temperature Range		-30		+85	°C		
Storage Temperature Range		-40		+85	°C		