

Dynamic Engineers Inc.

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

SF3030AO-781.5MHz-A

781.5MHz Small Size SMD SAW Filter

Features and Benefits

Center frequency: 781.5MHz

I.L: 4.0dB Max.

Operating temperature: -40°C to +85°C

Size: 3x3x1.4mm

Package type: Surface Mount



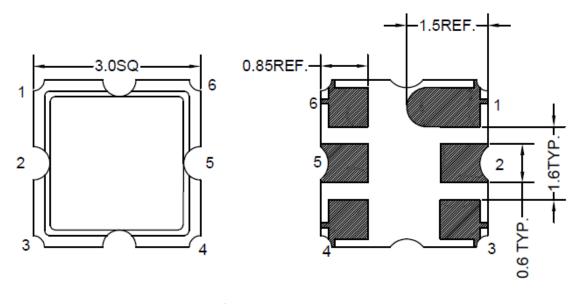
Typical Applications

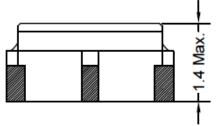
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

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		781.5		MHz
Insertion Loss (775~788 MHz)	IL		2.2	4.0	dB
Insertion Loss (777~787 MHz)	IL		2.1	3.0	dB
Amplitude Ripple (775~788 MHz)			0.35	1	dB
Bandwidth		13	25		MHz
Attenuation (Reference level from 0dB)					
300 ~ 700 MHz		28	64		dB
728 ~ 757 MHz		10	49		dB
880 ~ 1050 MHz		28	70		dB
Temperature Coefficient of Frequency			-36		ppm/°C
Input Power Level			25		dBm
DC Voltage			3		V
Operating Temperature Range		-40		+85	°C
Storage Temperature Range		-40		+85	°C