

Dynamic Engineers Inc.

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

SF3030AO-2017MHz-A 2017MHz Small Size SMD SAW Filter

Features and Benefits

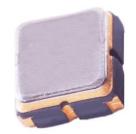
Center frequency: 2017MHz

I.L: 4.0dB Max.

Operating temperature: -30°C to +85°C

Size: 3x3x1.4mm

Package type: Surface Mount



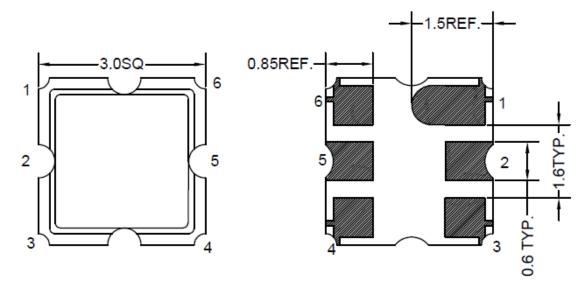
Typical Applications

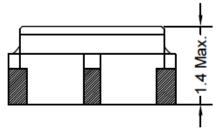
IOT
Cellular
Telecom
4G/LTE
Wireless Communication
WLAN
Base Station
Radar

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		2017		MHz
Insertion Loss (2007~2026 MHz)	IL		1.9	4.0	dB
Amplitude Ripple (p-p) (2007~2026 MHz)			0.4	2.0	dB
Attenuation (Reference level from 0 dB)					
D.C.~470 MHz		20	35		dB
470~1800 MHz		18	30		dB
1800~1940 MHz		22	34		dB
2110~2200 MHz		24	36		dB
2200~4000 MHz		22	35		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