

Dynamic Engineers Inc.

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

SF3030AO-1720MHz-A 1720MHz Small Size SMD SAW Filter

Features and Benefits

Center frequency: 1720MHz

I.L: 3.0dB Max.

Operating temperature: -40°C to +85°C

Size: 3x3x1.4mm

Package type: Surface Mount



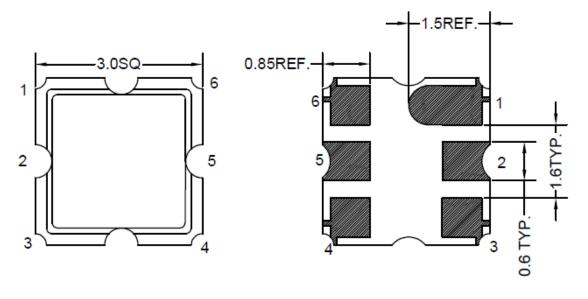
Typical Applications

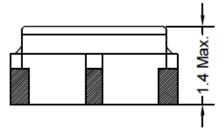
IOT
Cellular
Telecom
4G/LTE
Wireless Communication
WLAN
Base Station
Radar

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		1720		MHz
Insertion Loss (1708~1732 MHz) IL		1.7	3.0	dB
Amplitude Ripple (1708~1732 MHz)		0.6	2.0	dB
Return Loss (1708~1732 MHz)	8	20		
Group Delay Ripple (1708~1732 MHz)		5	20	ns
Attenuation (Reference level from 0 dB)				
1220~1650 MHz	20	31		dB
1650~1670 MHz	10	25		dB
1780~1790 MHz	10	48		dB
1790~2220 MHz	20	36		dB
Input Power Level		15		dBm
DC Voltage		3		V
Operating Temperature Range	-40		+85	°C
Storage Temperature Range	-50		+95	°C