

Dynamic Engineers Inc.

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

SF3030AO-1397.5MHz-A 1397.5MHz Small Size SMD SAW Filter

Features and Benefits

Center frequency: 1397.5MHz

I.L: 3.6dB Max.

Operating temperature: 0°C to +50°C

Size: 3x3x1.4mm

Package type: Surface Mount



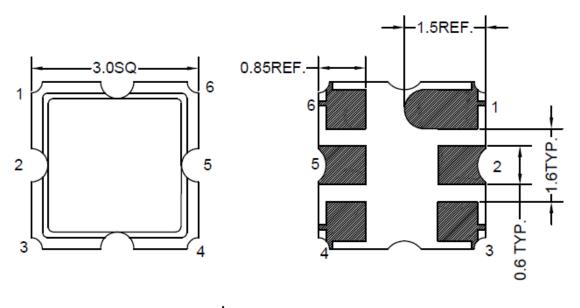
Typical Applications

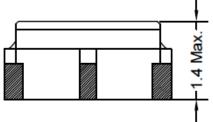
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

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		1397.5		MHz	
Insertion Loss (1395~1400 MHz) IL		2.7	3.6	dB	
Amplitude Ripple (1395~1400 MHz)		0.2	1	dB	
VSWR (1395~1400 MHz)		1.4	2		
Attenuation (Reference level from 0 dB)					
D.C.~1340 MHz	40	49		dB	
1427~1432 MHz	8	15		dB	
1450~1480 MHz	30	42.5		dB	
1480~1523 MHz	40	49.5		dB	
1523~1578 MHz	45	48		dB	
1578~2000 MHz	40	46		dB	
2000~3000 MHz	35	41		dB	
3000~4000 MHz	20	23		dB	
Input Power Level		10		dBm	
DC Voltage		3		V	
Operating Temperature Range	0		+50	°C	
Storage Temperature Range	-40		+85	°C	