

Dynamic Engineers Inc.

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

SF3030AO-950.5MHz-A

950.5MHz Small Size SMD SAW Filter

Features and Benefits

Center frequency: 950.5MHz

I.L: 6.5dB Max.

Operating temperature: -40°C to +85°C

Size: 3x3x1.4mm

Package type: Surface Mount



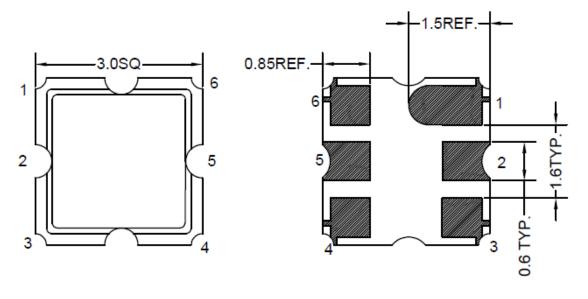
Typical Applications

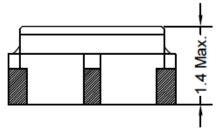
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

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



Dynamic Engineers Inc.

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

SF3030AO-950.5MHz-A

950.5MHz Small Size SMD SAW Filter

Specifications

Parameter Parame	Min.	Typical	Max.	Units		
Center Frequency Fo		950.5		MHz		
Insertion Loss (941~960 MHz) 25°C IL		2.5	3.5	dB		
Insertion Loss (941~960 MHz) (-40°C to +85°C) IL		2.5	6.5	dB		
Amplitude Ripple (941~960 MHz)		1.1	2.5	dB		
Attenuation (Reference level from 0dB)						
100 ~ 800 MHz	45	49		dB		
902 ~ 928 MHz	25	37		dB		
1100 ~ 1800 MHz	32	36		dB		
Temperature Coefficient of Frequency		-36		ppm/K		
Input Power Level		10		dBm		
DC Voltage		3		V		
Operating Temperature Range	-40		+85	°C		
Storage Temperature Range	-40		+85	°C		
Moisture Sensitivity Level		Level 1 (MSL1)				