

Dynamic Engineers Inc.

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

SF3030AO-924MHz-A

924MHz Small Size SMD SAW Filter

Features and Benefits

Center frequency: 924MHz

I.L: 2.4dB Max.

Operating temperature: -40°C to +85°C

Size: 3x3x1.4mm

Package type: Surface Mount



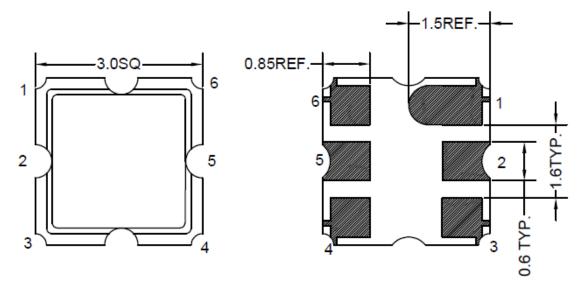
Typical Applications

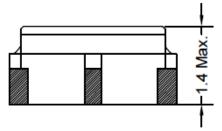
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

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		924		MHz		
Insertion Loss (920~928 MHz)	IL		1.6	2.4	dB		
Amplitude Ripple (920~928 MHz)			0.3	1.5	dB		
Attenuation (Reference level from 0dB)							
40 ~ 874 MHz		37	43		dB		
874 ~ 890 MHz		20	39		dB		
890 ~ 895 MHz		3	18		dB		
950 ~ 960 MHz		3	18		dB		
960 ~ 995 MHz		23	33		dB		
995 ~ 1500 MHz		34	41		dB		
1500 ~ 3000 MHz		27	36		dB		
Temperature Coefficient of Frequency			-36		ppm/K		
Input Power Level			15		dBm		
DC Voltage			3		V		
Operating Temperature Range		-40		+85	°C		
Storage Temperature Range		-40		+85	°C		
Moisture Sensitivity Level		Level 1 (MSL1)					