

Dynamic Engineers Inc.

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

SF3030AO-862MHz-B

862MHz Small Size SMD SAW Filter

Features and Benefits

Center frequency: 862MHz

I.L: 2.0dB Max.

Operating temperature: -30°C to +85°C

Size: 3x3x1.4mm

Package type: Surface Mount



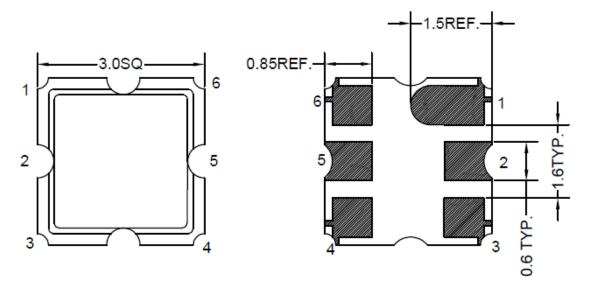
Typical Applications

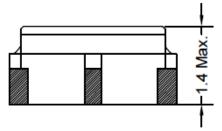
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

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

Paramete	er	Min.	Typical	Max.	Units	
Center Frequency	Fc		862		MHz	
Insertion Loss (854~870 MHz)	IL		1.6	2.0	dB	
Amplitude Ripple (854~870 MI	Hz)		0.6	1.3	dB	
VSWR (854~870 MHz)			1.7	2.0		
Attenuation (Reference level from 0 dB)						
40 ~ 200 MH	Hz	35	42		dB	
650 ~ 800 MH	Hz	20	36		dB	
800 ~ 830 MH	Hz	15	39		dB	
885 ~ 902 MH	Hz	20	55		dB	
990 ~ 1025 MH	Hz	35	40		dB	
1025 ~ 1600 MH	Hz	35	44		dB	
1600 ~ 3000 MF	Hz	13	30		dB	
Temperature Coefficient of Fre	quency		-36		ppm/°C	
Input Power Level			16		dBm	
DC Voltage			3		V	
Operating Temperature Range		-30		+85	°C	
Storage Temperature Range		-40		+95	°C	