

Dynamic Engineers Inc.

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

SF3030AO-918.6MHz-B

918.6MHz Small Size SMD SAW Filter

Features and Benefits

Center frequency: 918.6MHz

I.L: 7dB Max.

Operating temperature: -40°C to +85°C

Size: 3x3x1.4mm

Package type: Surface Mount



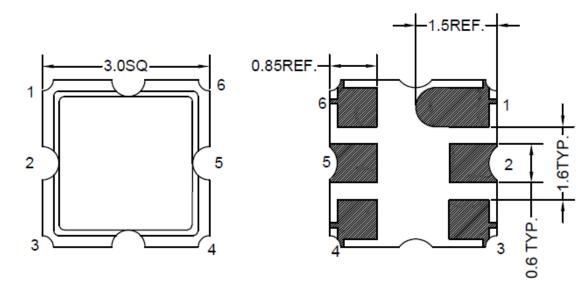
Typical Applications

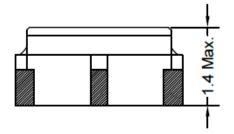
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

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		918.6		MHz		
Insertion Loss (916.8~920.4 MHz)	IL		4.2	7.0	dB		
Amplitude Ripple (916.8~920.4 MHz)			0.7	4.5	dB		
Attenuation (Reference level from 0 dB)							
715 ~ 900 MHz		15	47		dB		
928 ~ 1000 MHz		5	20		dB		
1000 ~1500 MHz		15	41				
Temperature Coefficient of Frequency			-36		ppm/°C		
Input Power Level			10		dBm		
DC Voltage			5		V		
Operating Temperature Range		-40		+85	°C		
Storage Temperature Range		-40		+85	°C		
Moisture Sensitivity Level							