

Dynamic Engineers Inc.

Website: www.DynamicEngineers.com Email: inguiseascom

Features and Benefits

Center frequency: 918.6MHz I.L: 7dB Max. Operating temperature: 0°C to +80°C Size: 3x3x1.4mm Package type: Surface Mount SF3030AO-918.6MHz-A 918.6MHz Small Size SMD SAW Filter



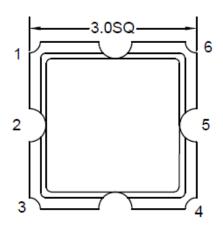
Typical Applications

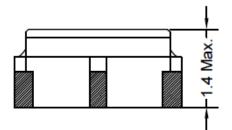
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

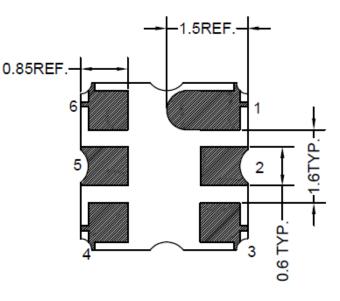
Mechanical Drawing & Pin Connections



MD240080-1







	PIN	Function						
	#2	INPUT						
	#5	OUTPUT						
	Others	GND						
Unit in mm								
1mm = 0.0394 inches								
Not Specified Tolerance: ±0.2mm								

Dynamic Engineers reserves the right to make changes to the company datasheet(s) along with other information contained inside; such as data tables and graphs without notification to potential customers who may have earlier revisions in their possession.



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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		
900 ~ 915 MHz		2.5	6		dB		
928 ~ 1000 MHz		5	20		dB		
1000 ~1500 MHz		15	41		dB		
Temperature Coefficient of Frequency		-36		ppm/°C			
Input Power Level		10		dBm			
DC Voltage		5		V			
Operating Temperature Range	0		+80	°C			
Storage Temperature Range	-30		+85	°C			
Moisture Sensitivity Level		Level 1(MSL1)					