

Dynamic Engineers Inc.

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

Features and Benefits

Center frequency: 462.5MHz I.L: 3.2dB Max. Operating temperature: -40°C to +85°C Size: 3x3x1.4mm Package type: Surface Mount SF3030AO-462.5MHz-A 462.5MHz Small Size SMD SAW Filter

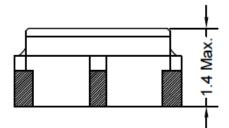


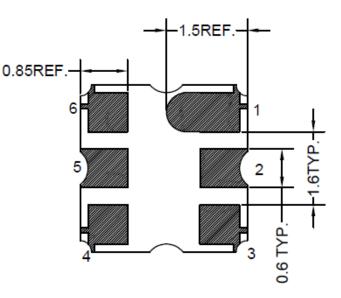
Typical Applications

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

Mechanical Drawing & Pin Connections







	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 araphs 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		462.5		MHz		
Insertion Loss (461~464 MHz) IL		1.7	3.2	dB		
Amplitude Ripple (461~464 MHz)		0.1	1.6	dB		
VSWR (461~464 MHz)		1.3	2.3			
Attenuation (Reference level from 0 dB)						
10~420 MHz	55	67		dB		
420~445 MHz	45	56		dB		
480~490 MHz	30	38		dB		
490~740 MHz	50	56		dB		
740~1000 MHz	42	53		dB		
Temperature Coefficient of Frequency		-36		ppm/°C		
Input Power Level		10		dBm		
DC Voltage		3		V		
Operating Temperature Range	-40		+85	°C		
Storage Temperature Range	-40		+85	°C		