

Dynamic Engineers Inc.

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

Features and Benefits

Center frequency: 2544.5MHz I.L: 4dB Max. Operating temperature: -20°C to +70°C Size: 3x3x1.4mm Package type: Surface Mount

SF3030AO-2544.5MHz-A 2544.5MHz Small Size SMD SAW Filter

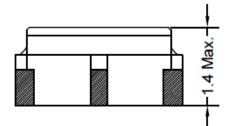


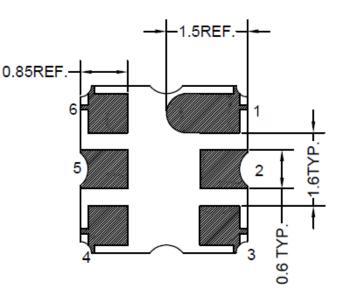
Typical Applications

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							

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Specifications

Parameter	Min.	Typical	Max.	Units		
Center Frequency Fc		2544.5		MHz		
Insertion Loss (2496~2593 MHz) IL		2.8	4	dB		
Amplitude Ripple (2496~2593 MHz)		1.6	2.5	dB		
VSWR (2496~2593 MHz)		2	2.5			
Attenuation (Reference level from 0 dB)						
DC~2400 MHz	25	28		dB		
2400~2445 MHz	31	39		dB		
2445~2460 MHz	15	25		dB		
2660~3800 MHz	30	37		dB		
3800~5000 MHz	15	25		dB		
Temperature Coefficient of Frequency		-36		ppm/°C		
Input Power Level		10		dBm		
DC Voltage		3		V		
Operating Temperature Range	-20		+70	°C		
Storage Temperature Range	-30		+85	°C		