

Dynamic Engineers Inc.

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

Features and Benefits

Center frequency: 947.5MHz I.L: 3.3dB Max. Operating temperature: -30°C to +85°C Size: 3x3x1.4mm Package type: Surface Mount SF3030AO-947.5MHz-E 947.5MHz Small Size SMD SAW Filter



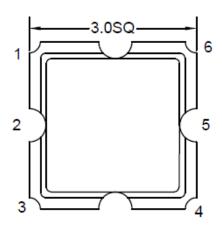
Typical Applications

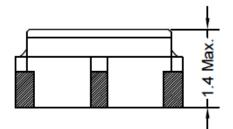
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

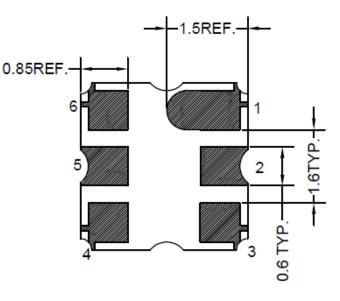
Mechanical Drawing & Pin Connections



MD240080-1







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

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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

Param	eter	Min.	Typical	Max.	Units		
Center Frequency			947.5		MHz		
Insertion Loss (935~960 MF	lz) IL		2.45	3.3	dB		
Amplitude Ripper (935~960 MHz)			0.5	1.3	dB		
VSWR (935~960 MHz)			1.7	2.2			
Attenuation (Reference level from 0 dB)							
D.C. ~ 871	MHz	50	54		dB		
890 ~ 915	MHz	30	47		dB		
980 ~ 1025	MHz	10	25		dB		
1025 ~ 2000	MHz	45	52		dB		
2000 ~ 3000	MHz	20	31		dB		
Input Power Level			20		dBm		
DC Voltage			3		V		
Operating Temperature Ran	-30		+85	°C			
Storage Temperature Range		-40		+85	°C		