

Dynamic Engineers Inc.

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

Features and Benefits

Center frequency: 947.5MHz I.L: 3.0dB Max. Operating temperature: -30°C to +85°C Size: 3x3x1.4mm Package type: Surface Mount SF3030AO-947.5MHz-A 947.5MHz Small Size SMD SAW Filter



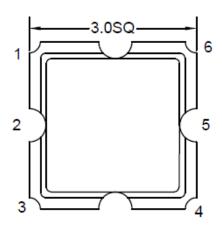
Typical Applications

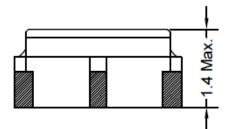
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

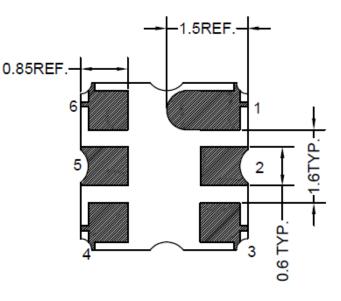
Mechanical Drawing & Pin Connections



MD240080-1







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

Dynamic Engineers, Inc.

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.



Dynamic Engineers Inc.

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

Specifications

F	Parameter		Min.	Typical	Max.	Units
Center Frequency		Fc		947.5		MHz
Insertion Loss (935~960 MHz)		IL		2.4	3.0	dB
Amplitude Ripple (935~960 MHz)			1.0	2.0	dB	
VSWR (935~960 MHz)				2.0	2.2	
Attenuation (Reference level from 0 dB)						
D.C. ~ 890	MHz		28	32		dB
890 ~ 915	MHz		20	35		dB
980 ~ 1025	MHz		15	30		dB
1025 ~ 2000	MHz		30	34.5		dB
Input Power Level				10		dBm
DC Voltage				0		V
Operating Temperature Range		-30		+85	°C	
Storage Temperature Range			-40		+85	°C
Source impedance (single ended)				50		Ω
Load impedance (single ended)			50		Ω	