

Dynamic Engineers Inc.

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

Features and Benefits

Center frequency: 899MHz I.L: 4.5dB Max. Operating temperature: -40°C to +85°C Size: 3x3x1.4mm Package type: Surface Mount SF3030AO-899MHz-C 899MHz Small Size SMD SAW Filter



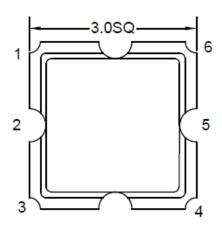
Typical Applications

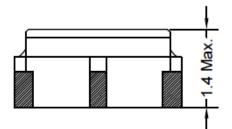
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

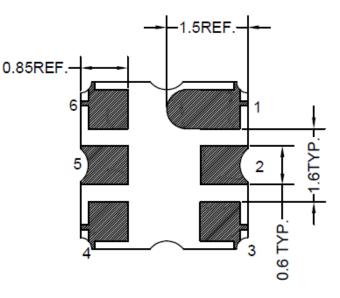
Mechanical Drawing & Pin Connections



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

	Parameter		Min.	Typical	Max.	Units	
Center Frequency		Fc		899		MHz	
Insertion Loss (895~903 MHz) IL		IL		2.6	4.5	dB	
Amplitude Ripple (895~903 MHz)			0.4	2.4	dB		
VSWR (895~903 MHz)				1.7	2.4		
Attenuation (Reference level from 0 dB)							
10 ~ 869	MHz		37	53		dB	
930 ~ 935	MHz		37	53		dB	
935 ~ 960	MHz		37	54		dB	
960 ~ 1600	MHz		35	53		dB	
1600 ~ 2600	MHz		31	36		dB	
Input Power Level			15		dBm		
DC Voltage			5		V		
Operating Temperature Range		-40		+85	С°С		
Storage Temperature Range		-40		+85	С°С		
Moisture Sensitivity Level		Level 1(MSL1)					