

Dynamic Engineers Inc.

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

Features and Benefits

Center frequency: 978MHz I.L: 2.5dB Max. Operating temperature: -40°C to +85°C Size: 3x3x1.4mm Package type: Surface Mount SF3030AO-978MHz-C 978MHz Small Size SMD SAW Filter



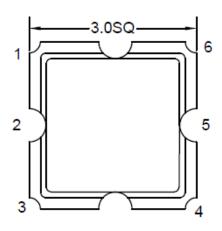
Typical Applications

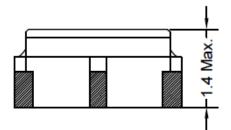
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

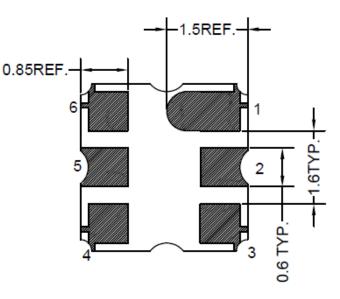
Mechanical Drawing & Pin Connections



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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Specifications

Parameter	Min.	Typical	Max.	Units			
Center Frequency	Fc		978		MHz		
Insertion Loss	IL		2.0	2.5	dB		
Amplitude Ripple (975~981MHz)			0.2	1.0	dB		
Return Loss (975~981MHz)		9.0	10.5		dB		
Attenuation (Reference level from 0 dB)							
10 ~ 920 MHz		30	51		dB		
1035 ~ 1660 MHz		30	46		dB		
1660 ~ 2060 MHz		25	54		dB		
2060 ~ 3000 MHz		15	32		dB		
Input Power Level			15		dBm		
DC Voltage			5		V		
Operating Temperature Range		-40		+85	°C		
Storage Temperature Range		-40		+85	°C		