

# Dynamic Engineers Inc.

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

#### **Features and Benefits**

Center frequency: 380MHz I.L: 4dB Max. Operating temperature: -40°C to +85°C Size: 3x3x1.4mm Package type: Surface Mount



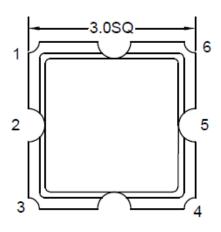
## **Typical Applications**

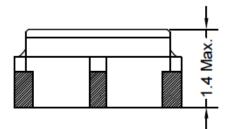
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN **Base Station** Radar

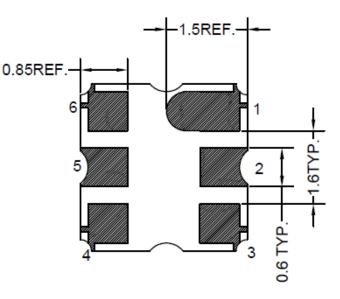
#### **Mechanical Drawing & Pin Connections**



MD240080-1







	PIN	Function					
	#2	INPUT					
	#5	OUTPUT					
	Others	GND					
Unit in mm							
	1mm = 0	INPUT OUTPUT GND m 0394 inches					
Not Specified Tolerance: ±0.2mm							

Dynamic Engineers reserves the right to make changes to the company datasheet(s) along with other information contained inside; such as data tables and araphs 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		380		MHz
Insertion Loss (376~384 MHz) IL			2.5	4	dB
Ripple (376~384 MHz)		0.6	2	dB	
Attenuation (Reference level from 0 of	dB)				
0.3~359 MHz		35	52		dB
419~700 MHz		35	46		dB
In/Out Impedance (Single)		50		ohm	
Input Power Level		10		dBm	
DC Voltage			5		V
Operating Temperature Range		-40		+85	°C
Storage Temperature Range		-40		+85	С°
Moisture Sensitivity Level		Level 1(MSL1)			

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