

## Dynamic Engineers Inc.

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

#### **Features and Benefits**

Center frequency: 1486.5MHz I.L: 4dB Max. Operating temperature: 0°C to +50°C Size: 3x3x1.4mm Package type: Surface Mount



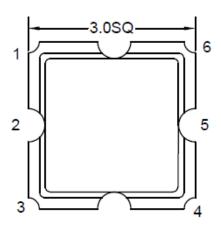
### **Typical Applications**

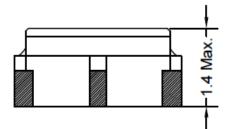
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN **Base Station** Radar

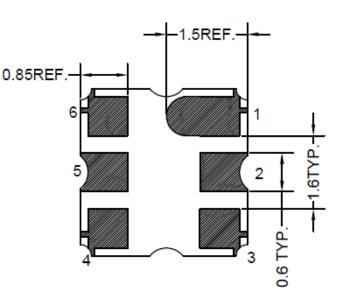
#### **Mechanical Drawing & Pin Connections**



MD240080-1







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

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## **Specifications**

Parameter	Min.	Typical	Max.	Units		
Center Frequency Fc		1486.5		MHz		
Insertion Loss (1484~1489 MHz) IL		3	4	dB		
Amplitude Ripple (1484~1489 MHz)		0.2	1	dB		
VSWR (1484~1489 MHz)		1.6	2			
Attenuation (Reference level from 0 dB)						
DC~100 MHz	60	69		dB		
1395~1400 MHz	20	48		dB		
1573~1578 MHz	20	52		dB		
2881.5~2886.5 MHz	40	43		dB		
3059.5~3064.5 MHz	40	42		dB		
Input Power Level		10		dBm		
DC Voltage		3		V		
Operating Temperature Range	0		+50	°C		
Storage Temperature Range	-40		+85	°C		