

# Dynamic Engineers Inc.

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

#### **Features and Benefits**

Center frequency: 2665MHz I.L: 3.6dB Max. Operating temperature: -20°C to +70°C Size: 3x3x1.4mm Package type: Surface Mount



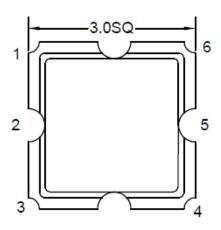
## **Typical Applications**

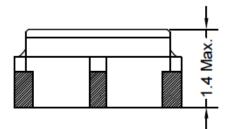
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN **Base Station** Radar

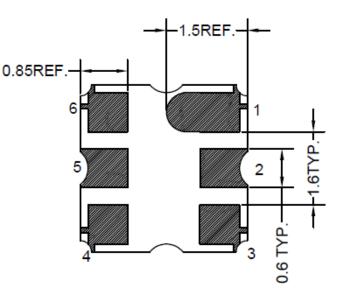
#### **Mechanical Drawing & Pin Connections**



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		2665		MHz		
Insertion Loss (2630~2700 MHz)		2.2	3.6	dB			
Amplitude Ripple (2630~2700 MHz)		0.7	2.2	dB			
VSWR (2630~2700 MHz)		1.9	2.5				
Attenuation (Reference level from 0 dB)							
DC~2100 MHz		25	31		dB		
2100~2520 MHz		27	33		dB		
2790~4000 MHz		30	36		dB		
4000~5000 MHz		20	24		dB		
Input Power Level			10		dBm		
DC Voltage		3		V			
Operating Temperature Range		-20		+70	°C		
Storage Temperature Range		-40		+85	°C		