

Dynamic Engineers Inc.

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

Features and Benefits

Center frequency: 1461.5MHz I.L: 4dB Max. Operating temperature: 0°C to +50°C Size: 3x3x1.4mm Package type: Surface Mount



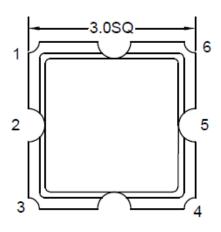
Typical Applications

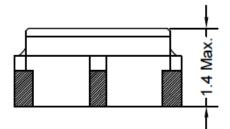
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN **Base Station** Radar

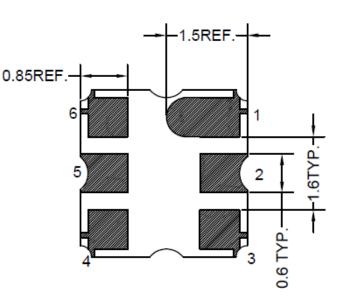
Mechanical Drawing & Pin Connections



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		1461.5		MHz		
Insertion Loss (1459~1464 MHz)		2.8	4	dB			
Amplitude Ripple (1459~1464 MHz)		0.2	1	dB			
VSWR (1459~1464 MHz)		1.5	2				
Attenuation (Reference level from 0 dB)							
DC~100 MHz		60	78		dB		
1395~1400 MHz		20	49		dB		
1523~1528 MHz		20	44		dB		
2856.5~2861.5 MHz	40	44		dB			
2984.5~2989.5 MHz	40	43		dB			
Input Power Level		10		dBm			
DC Voltage		3		V			
Operating Temperature Range	0		+50	°C			
Storage Temperature Range		-40		+85	°C		