

Dynamic Engineers Inc.

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

Features and Benefits

Center frequency: 1725MHz I.L: 3.0dB Max. Operating temperature: -40°C to +85°C Size: 3x3x1.4mm Package type: Surface Mount



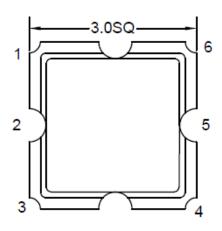
Typical Applications

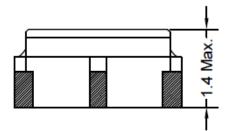
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN Base Station Radar

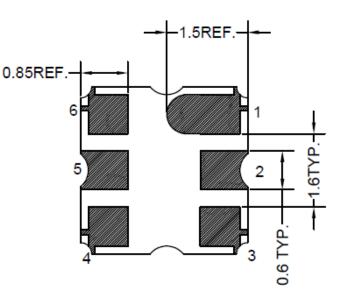
Mechanical Drawing & Pin Connections



MD240080-1







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

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Specifications

Parameter	Min.	Typical	Max.	Units			
Center Frequency	Fc		1725		MHz		
Insertion Loss (1715~1735 MHz)		1.8	3.0	dB			
Amplitude Ripple (1715~1735 MHz)		0.4	1.8	dB			
VSWR (1715~1735 MHz)		1.7	2.0				
Attenuation (Reference level from 0 dB)							
10~1630 MHz		28	35		dB		
1830~2500 MHz		34	39		dB		
Temperature coefficient of frequency		-36		ppm/k			
Input Power Level		10		dBm			
DC Voltage		3		V			
Operating Temperature Range	-40		+85	°C			
Storage Temperature Range	-40		+85	°C			