

Dynamic Engineers Inc.

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

Features and Benefits

Center frequency: 2725MHz I.L: 3dB Max. Operating temperature: -40°C to +85°C Size: 3x3x1.4mm Package type: Surface Mount



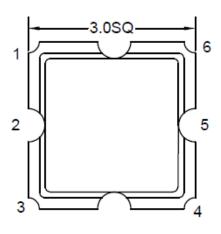
Typical Applications

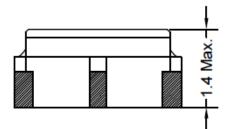
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN **Base Station** Radar

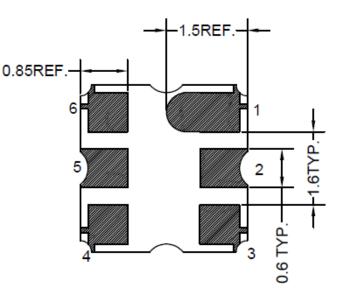
Mechanical Drawing & Pin Connections



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		2725		MHz		
Insertion Loss (2715~2735 MHz)		1.5	3	dB			
Amplitude Ripple (2715~2735 MHz)		0.4	1.5	dB			
VSWR (2715~2735 MHz)		1.3	2.1				
Attenuation (Reference level from 0 dB)							
10~2380 MHz		31	36		dB		
2380~2420 MHz		34	46		dB		
2520~2540 MHz		31	40		dB		
3000~4500 MHz	28	34		dB			
Temperature Coefficient of Frequency		-36		ppm/k			
In/Out Impedance (Single)		50		ohm			
Input Power Level		10		dBm			
DC Voltage			3		V		
Operating Temperature Range	-40		+85	°C			
Storage Temperature Range		-40		+85	°C		
Moisture Sensitivity Level		Level 1(MSL1)					