

Dynamic Engineers Inc.

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

Features and Benefits

Center frequency: 2675MHz I.L: 3.5dB Max. Operating temperature: -30°C to +85°C Size: 3x3x1.4mm Package type: Surface Mount



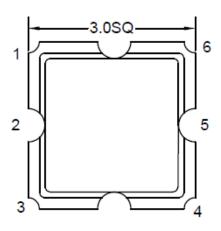
Typical Applications

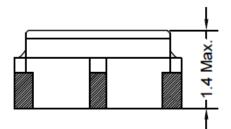
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN **Base Station** Radar

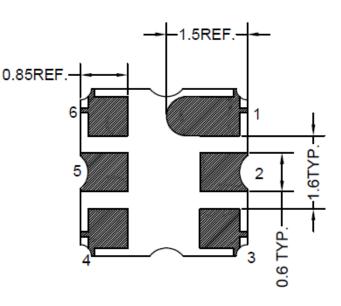
Mechanical Drawing & Pin Connections



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		2675		MHz	
Insertion Loss (2660~2690 MHz)		2.8	3.5	dB		
Amplitude Ripple (2660~2690 MHz)		0.8	2.2	dB		
Return Loss (2660~2690 MHz)	9	22		dB		
Attenuation (Reference level from 0 dB)						
2100~2550 MHz		35	42		dB	
2770~2930 MHz		40	50		dB	
2930~3100 MHz	35	45		dB		
Input Power Level		10		dBm		
DC Voltage		3		V		
Operating Temperature Range	-30		+85	°C		
Storage Temperature Range	-40		+95	°C		