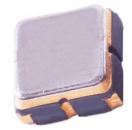


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Features and Benefits

Center frequency: 1450MHz I.L: 4dB Max. Operating temperature: 0°C to +50°C Size: 3x3x1.4mm Package type: Surface Mount



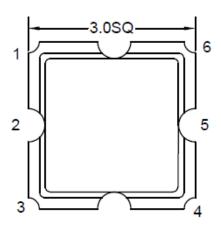
Typical Applications

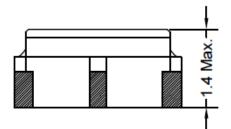
IOT Cellular Telecom 4G/LTE Wireless Communication WLAN **Base Station** Radar

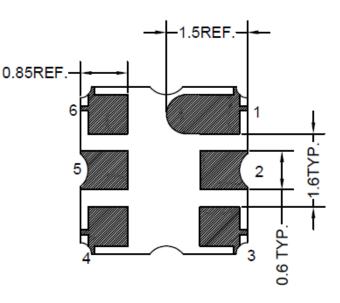
Mechanical Drawing & Pin Connections



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		1450		MHz		
Insertion Loss (1447.5~1452.5 MHz) IL		2.5	4	dB		
Amplitude Ripple (1447.5~1452.5 MHz)		0.1	1	dB		
Bandwidth @ -1 dB	5	37		MHz		
VSWR (1447.5~1452.5 MHz)		1.3	2.1			
Attenuation (Reference level from 0 dB)						
DC~100 MHz	60	70		dB		
100~1388 MHz	40	58		dB		
1388~1394 MHz	30	58		dB		
1506~1512 MHz	30	40		dB		
1512~2500 MHz	40	55		dB		
Input Power Level		10		dBm		
DC Voltage		3		V		
Operating Temperature Range	0		+50	°C		
Storage Temperature Range	-40		+85	°C		