



### Features and Benefits

Center frequency: 1587MHz  
I.L: 3.5dB Max.  
Operating temperature: -60°C to +85°C  
Size: 3x3x1.4mm  
Package type: Surface Mount

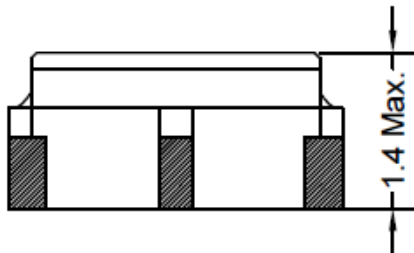


### Typical Applications

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

### Mechanical Drawing & Pin Connections

Drawing No: MD240080-1



PIN	Function
#2	INPUT
#5	OUTPUT
Others	GND

Unit in mm  
1mm = 0.0394 inches  
Not Specified Tolerance: ±0.2mm



## Specifications

Parameter	Min.	Typical	Max.	Units
Center Frequency Fc		1587		MHz
Minimum Insertion Loss ILmin		3	3.5	dB
Amplitude Ripple (1562~1613 MHz)		0.9	2.2	dB
Group Delay Ripple (1562~1613 MHz)		9	25	ns
Attenuation (Reference level from ILmin)				
0.3~1526 MHz	35	41		dB
1691~2400 MHz	35	40		dB
Temperature Coefficient of Frequency		-34		ppm/°C
Input Power Level		20		dBm
DC Voltage		1		V
Operating Temperature Range	-60		+85	°C
Storage Temperature Range	-60		+125	°C