



### Features and Benefits

Center frequency: 1572.5MHz  
I.L: 3dB Max.  
Operating temperature: -20°C to +70°C  
Size: 3x3x1.4mm  
Package type: Surface Mount

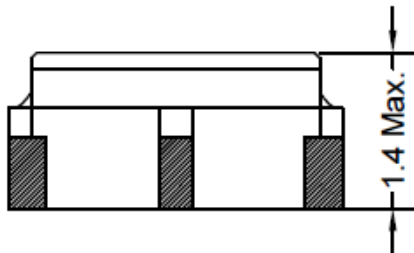


### Typical Applications

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		1572.5		MHz
Insertion Loss (1557.5~1587.5 MHz)	IL		1.85	3	dB
Amplitude Ripple (1557.5~1587.5 MHz)			0.4	2	dB
Attenuation (Reference level from 0 dB)					
1467~1519	MHz	35	38.3		dB
1519~1527	MHz	20	38.3		dB
1617~1677	MHz	37	45		dB
In/Out Impedance (Single)			50		ohm
Input Power Level			10		dBm
DC Voltage			3		V
Operating Temperature Range		-20		+70	°C
Storage Temperature Range		-30		+85	°C