



Features and Benefits

Center frequency: 1589.5MHz
I.L: 3.5dB Max.
Operating temperature: -40°C to +85°C
Size: 3x3x1.4mm
Package type: Surface Mount

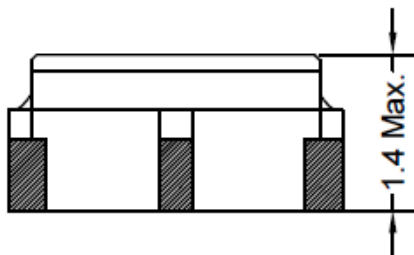


Typical Applications

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

Mechanical Drawing & Pin Connections

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		1589.5		MHz
Insertion Loss (1565~1614 MHz)	IL		2.7	3.5	dB
Amplitude Ripple (1565~1614 MHz)			0.6	2	dB
Attenuation (Reference level from 0 dB)					
DC~1500	MHz	25	28		dB
1662.5~1750	MHz	15	21		dB
1750~2000	MHz	30	35		dB
2000~3000	MHz	20	28		dB
Temperature Coefficient of Frequency			-36		ppm/k
Input Power Level			10		dBm
DC Voltage			3		V
Operating Temperature Range		-40		+85	°C
Storage Temperature Range		-55		+95	°C