



Features and Benefits

Center frequency: 1546.5MHz
I.L: 2.8dB Max.
Operating temperature: -40°C to +85°C
Size: 3x3x1.4mm
Package type: Surface Mount

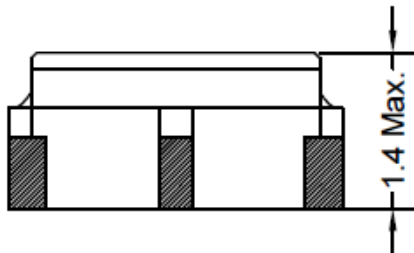


Typical Applications

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		1546.5		MHz
Insertion Loss (1518~1575 MHz) IL		2.1	2.8	dB
Amplitude Ripple (1518~1575 MHz)		0.5	2	dB
VSWR (1518~1575 MHz)		2.4	2.7	
Attenuation (Reference level from 0 dB)				
10~1200 MHz	40	44		dB
1200~1450 MHz	29	32		dB
1450~1480 MHz	23	28		dB
1620~1680 MHz	33	39		dB
1680~1840 MHz	35	40		dB
1840~2000 MHz	30	35		dB
2000~2500 MHz	27	30		dB
Temperature Coefficient of Frequency		-36		ppm/°C
Input Power Level		10		dBm
DC Voltage		5		V
Operating Temperature Range	-40		+85	°C
Storage Temperature Range	-40		+105	°C