



### Features and Benefits

Center frequency: 1461.5MHz  
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

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		1461.5		MHz
Insertion Loss (1459~1464 MHz)	IL		2.8	4	dB
Amplitude Ripple (1459~1464 MHz)			0.2	1	dB
VSWR (1459~1464 MHz)			1.5	2	
Attenuation (Reference level from 0 dB)					
DC~100	MHz	60	78		dB
1395~1400	MHz	20	49		dB
1523~1528	MHz	20	44		dB
2856.5~2861.5	MHz	40	44		dB
2984.5~2989.5	MHz	40	43		dB
Input Power Level			10		dBm
DC Voltage			3		V
Operating Temperature Range		0		+50	°C
Storage Temperature Range		-40		+85	°C