



### Features and Benefits

Center frequency: 1636.375MHz  
I.L: 4.2dB 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		1636.375		MHz
Insertion Loss (1630.375~1642.375 MHz) IL		2.6	4.2	dB
Group Delay Variation (1630.375~1642.375 MHz)			20	ns
Amplitude Ripple (1630.375~1642.375 MHz)		1	2	dB
Attenuation				
1529~1534 MHz	40	45		dB
1574~1576.375 MHz	40	45		dB
1576.375~1588.375 MHz	40	45		dB
Tamb @ measured fcenter	50°C			
In/Out Impedance (Single)		50		ohm
Input Power Level		13		dBm
DC Voltage		6		V
Operating Temperature Range	-20		+70	°C
Storage Temperature Range	-40		+80	°C
Moisture Sensitivity Level	Level 1(MSL1)			