



### Features and Benefits

Center frequency: 1216.8MHz  
I.L: 4.5dB 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		1216.8		MHz
Insertion Loss at Fc FcIL		3.5	4.5	dB
Bandwidth @ 1 dB	1.6	18		MHz
Amplitude Ripple (1216~1217.6 MHz)		0.1	1	dB
Attenuation (Reference level from 0 dB)				
1016.8~1176.8 MHz	40	50		dB
1176.8~1186.8 MHz	25	40		dB
1246.8~1256.8 MHz	25	40		dB
1256.8~1416.8 MHz	40	50		dB
Temperature Coefficient of Frequency		-36		ppm/°C
Input Power Level		10		dBm
DC Voltage		3		V
Operating Temperature Range	-40		+85	°C
Storage Temperature Range	-40		+85	°C