



### Features and Benefits

Center frequency: 1234.5MHz  
I.L: 4dB Max.  
Operating temperature: -40°C to +105°C  
Size: 3x3x1.4mm  
Package type: Surface Mount

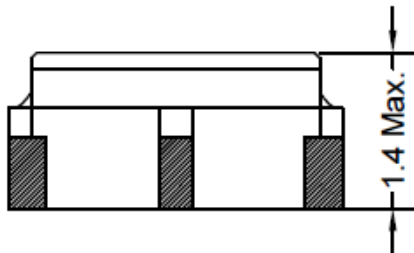


### Typical Applications

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		1234.5		MHz
Insertion Loss (1215~1254 MHz)	IL		2.8	4	dB
Amplitude Ripple (1215~1254 MHz)			0.7	2	dB
Group Delay Ripple (1215~1254 MHz)			16	50	ns
Attenuation (Reference level from 0 dB)					
10~1170	MHz	40	57		dB
1170~1185	MHz	30	53		dB
1300~1340	MHz	30	42		dB
1340~2000	MHz	40	52		dB
Temperature Coefficient of Frequency			-36		ppm/°C
Input Power Level			10		dBm
DC Voltage			3		V
Operating Temperature Range		-40		+105	°C
Storage Temperature Range		-40		+125	°C