



### Features and Benefits

Center frequency: 462.5MHz  
I.L: 3.2dB Max.  
Operating temperature: -40°C to +85°C  
Size: 3x3x1.4mm  
Package type: Surface Mount

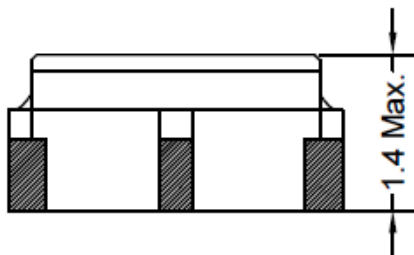


### Typical Applications

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		462.5		MHz
Insertion Loss (461~464 MHz)	IL		1.7	3.2	dB
Amplitude Ripple (461~464 MHz)			0.1	1.6	dB
VSWR (461~464 MHz)			1.3	2.3	
Attenuation (Reference level from 0 dB)					
10~420	MHz	55	67		dB
420~445	MHz	45	56		dB
480~490	MHz	30	38		dB
490~740	MHz	50	56		dB
740~1000	MHz	42	53		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