



### Features and Benefits

Center frequency: 399.8MHz  
I.L: 2.4dB Max.  
Operating temperature: -20°C to +70°C  
Size: 3x3x1.4mm  
Package type: Surface Mount

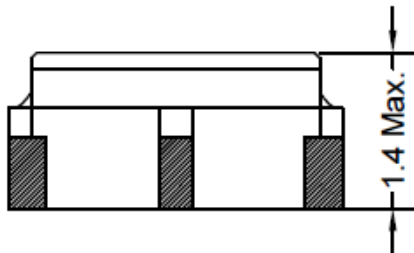


### Typical Applications

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		399.8		MHz
Insertion Loss (399.3~400.3 MHz)	IL		1.8	2.4	dB
Amplitude Ripple (399.3~400.3 MHz)			0.1	1.2	dB
VSWR (399.3~400.3 MHz)			1.3	2.2	
Attenuation (Reference level from 0 dB)					
10~369.8	MHz	47	68		dB
429.8~1000	MHz	47	53		dB
Temperature Coefficient of Frequency			-36		ppm/k
Input Power Level			20		dBm
DC Voltage			7.5		V
Operating Temperature Range		-20		+70	°C
Storage Temperature Range		-30		+80	°C