



Features and Benefits

Center frequency: 1450MHz
I.L: 4dB Max.
Operating temperature: 0°C to +50°C
Size: 3x3x1.4mm
Package type: Surface Mount

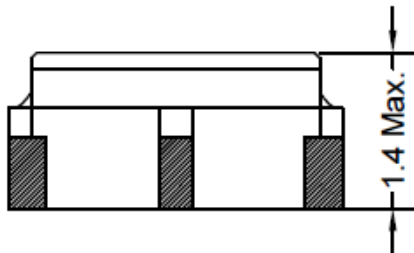


Typical Applications

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		1450		MHz
Insertion Loss (1447.5~1452.5 MHz)	IL		2.5	4	dB
Amplitude Ripple (1447.5~1452.5 MHz)			0.1	1	dB
Bandwidth @ -1 dB		5	37		MHz
VSWR (1447.5~1452.5 MHz)			1.3	2.1	
Attenuation (Reference level from 0 dB)					
DC~100	MHz	60	70		dB
100~1388	MHz	40	58		dB
1388~1394	MHz	30	58		dB
1506~1512	MHz	30	40		dB
1512~2500	MHz	40	55		dB
Input Power Level			10		dBm
DC Voltage			3		V
Operating Temperature Range		0		+50	°C
Storage Temperature Range		-40		+85	°C