



Features and Benefits

Center frequency: 1397.5MHz
I.L: 3.6dB 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		1397.5		MHz
Insertion Loss (1395~1400 MHz)	IL		2.7	3.6	dB
Amplitude Ripple (1395~1400 MHz)			0.2	1	dB
VSWR (1395~1400 MHz)			1.4	2	
Attenuation (Reference level from 0 dB)					
D.C.~1340	MHz	40	49		dB
1427~1432	MHz	8	15		dB
1450~1480	MHz	30	42.5		dB
1480~1523	MHz	40	49.5		dB
1523~1578	MHz	45	48		dB
1578~2000	MHz	40	46		dB
2000~3000	MHz	35	41		dB
3000~4000	MHz	20	23		dB
Input Power Level			10		dBm
DC Voltage			3		V
Operating Temperature Range		0		+50	°C
Storage Temperature Range		-40		+85	°C