



Features and Benefits

Center frequency: 1486.5MHz
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		1486.5		MHz
Insertion Loss (1484~1489 MHz)	IL		3	4	dB
Amplitude Ripple (1484~1489 MHz)			0.2	1	dB
VSWR (1484~1489 MHz)			1.6	2	
Attenuation (Reference level from 0 dB)					
DC~100	MHz	60	69		dB
1395~1400	MHz	20	48		dB
1573~1578	MHz	20	52		dB
2881.5~2886.5	MHz	40	43		dB
3059.5~3064.5	MHz	40	42		dB
Input Power Level			10		dBm
DC Voltage			3		V
Operating Temperature Range		0		+50	°C
Storage Temperature Range		-40		+85	°C