



Features and Benefits

Center frequency: 2226.5MHz
I.L: 4.0dB Max.
Operating temperature: -30°C to +80°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		2226.5		MHz
Insertion Loss (2224~2229 MHz) IL		3.0	4.0	dB
Amplitude Ripple (2224~2229 MHz)		0.8	1.5	dB
VSWR (2224~2229 MHz)		1.5	2.0	
Group Delay (2224~2229 MHz)		30	35	ns
Attenuation (Reference level from 0 dB)				
D.C.~2050 MHz	40	45		dB
2050~2150 MHz	40	45		dB
2150~2170 MHz	35	42		dB
2300~2400 MHz	50	54		dB
2400~3000 MHz	40	45		dB
Source Impedance		50		Ω
Load Impedance		50		Ω
Input Power Level		10		dBm
DC Voltage		3		V
Operating Temperature Range	-30		+80	$^{\circ}$ C
Storage Temperature Range	-40		+85	$^{\circ}$ C