



Features and Benefits

Center frequency: 1965MHz
I.L: 3.8dB Max.
Operating temperature: -30°C to +85°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		1965		MHz
Insertion Loss (1930~2000 MHz)	IL		2.4	3.8	dB
Amplitude Ripple (p-p) (1930~2000 MHz)			1.3	2.5	dB
VSWR (1930~2000 MHz)			1.9	2.6	
Attenuation (Reference level from 0 dB)					
D.C.~1622.5	MHz	14.0	24.5		dB
1622.5~1832.5	MHz	15.0	26.0		dB
1832.5~1907.5	MHz	10.0	18.5		dB
2042.5~3242.5	MHz	17.0	29.0		dB
3242.5~4000	MHz	14.0	30.0		dB
Source Impedance			50		Ω
Load Impedance			50		Ω
Input Power Level			10		dBm
DC Voltage			3		V
Operating Temperature Range		-30		+85	$^{\circ}\text{C}$
Storage Temperature Range		-40		+85	$^{\circ}\text{C}$