



Features and Benefits

Center frequency: 1972.5MHz
I.L: 4.0dB Max.
Operating temperature: -20°C to +75°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		1972.5		MHz
Insertion Loss (1965~1980 MHz)	IL		1.8	4.0	dB
Amplitude Ripple (1965~1980 MHz)			0.2	2.0	dB
VSWR (1965~1980 MHz)			1.2	2.0	
Group Delay Ripple (1965~1980 MHz)			4	16	ns
Attenuation (Reference level from 0 dB)					
D.C.~1785 MHz		30	34.5		dB
1785~1895 MHz		34	37		dB
2040~2140 MHz		35	42.5		dB
2140~3245 MHz		36	46		dB
3245~4000 MHz		30	32		dB
Input Power Level			10		dBm
DC Voltage			3		V
Operating Temperature Range		-20		+75	°C
Storage Temperature Range		-40		+85	°C