



Features and Benefits

Center frequency: 1962.5MHz
I.L: 3.5dB Max.
Operating temperature: -20°C to +70°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		1962.5		MHz
Insertion Loss (1930~1995 MHz)	IL		2.6	3.5	dB
Amplitude Ripple (1930~1995 MHz)			1.4	2.2	dB
Return Loss (1930~1995 MHz)		8.5	11		dB
Attenuation (Reference level from 0 dB)					
1710~1755	MHz	10	32		dB
1850~1915	MHz	5	11		dB
2010~2020	MHz	5	8		dB
Temperature Coefficient of Frequency			-36		ppm/°C
Input Power Level			12		dBm
DC Voltage			3		V
Operating Temperature Range		-20		+70	°C
Storage Temperature Range		-40		+85	°C