



Features and Benefits

Center frequency: 1955MHz
I.L: 4.0dB Max.
Operating temperature: -40°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		1955		MHz
Insertion Loss (1940~1970 MHz)	IL		1.7	4.0	dB
Amplitude Ripple (1940~1970 MHz)			1.0	3.0	dB
VSWR (1940~1970 MHz)			1.6	2.4	
Attenuation (Reference level from 0 dB)					
1805~1880 MHz		20	34		dB
2100~2170 MHz		20	50		dB
Source Impedance (single ended)			50		Ω
Load Impedance (single ended)			50		Ω
Input Power Level			15		dBm
DC Voltage			3		V
Operating Temperature Range		-40		+85	$^{\circ}$ C
Storage Temperature Range		-40		+85	$^{\circ}$ C