



Features and Benefits

Center frequency: 2007.5MHz
I.L: 3.2dB 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		2007.5		MHz
Insertion Loss (1995~2020 MHz)	IL		2.3	3.2	dB
Amplitude Variation (1995~2020 MHz)			0.4	1.6	dB _{p-p}
Return Loss (1995~2020 MHz)		9	15		dB
Attenuation (Reference level from 0 dB)					
10~730 MHz		30	36		dB
730~1920 MHz		30	34		dB
2100~3500 MHz		30	40		dB
3500~3960 MHz		25	35		dB
Temperature Coefficient of Frequency			-36		ppm/°C
Input Power Level			15		dBm
DC Voltage			3		V
Operating Temperature Range		-40		+85	°C
Storage Temperature Range		-40		+85	°C
Moisture Sensitivity Level		Level 1 (MSL 1)			