



Features and Benefits

Center frequency: 1995MHz
I.L: 3.5dB 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		1995		MHz
Minimum Insertion Loss	IL _{min}		2.4	3.0	dB
Insertion Loss (1980~2010 MHz)	IL		2.9	3.5	dB
Amplitude Ripple (1980~2010 MHz)			0.4	1.0	dB
VSWR (1980~2010 MHz)			1.6	2.0	
Attenuation (Reference level from 0 dB)					
D.C.~1870 MHz		32	37		dB
1870~1900 MHz		30	34		dB
2070~2300 MHz		40	45		dB
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)			