



Features and Benefits

Center frequency: 2017MHz
I.L: 4.0dB Max.
Operating temperature: -30°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		2017		MHz
Insertion Loss (2007~2026 MHz)	IL		1.9	4.0	dB
Amplitude Ripple (p-p) (2007~2026 MHz)			0.4	2.0	dB
Attenuation (Reference level from 0 dB)					
D.C.~470	MHz	20	35		dB
470~1800	MHz	18	30		dB
1800~1940	MHz	22	34		dB
2110~2200	MHz	24	36		dB
2200~4000	MHz	22	35		dB
Source Impedance			50		Ω
Load Impedance			50		Ω
Input Power Level			10		dBm
DC Voltage			3		V
Operating Temperature Range		-30		+85	$^{\circ}\text{C}$
Storage Temperature Range		-40		+85	$^{\circ}\text{C}$