



Features and Benefits

Center frequency: 2332.5MHz
I.L: 0.65dB Max.
Operating temperature: -40°C to +105°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		2332.5		MHz
Insertion Loss (2320~2345 MHz)	IL		0.5	0.6 1)	dB
Insertion Loss (2320~2345 MHz)	IL		0.5	0.65	dB
Amplitude Ripple (2320~2345 MHz)			0.12	0.35	dB
Variation of Group Delay (2320~2345 MHz)			2	5	ns
VSWR (2320~2345 MHz)			1.3	1.5	
Attenuation (Reference level from 0 dB)					
698~894	MHz	13	15		dB
1710~1750	MHz	11	13		dB
1850~1990	MHz	12	14		dB
2400~2484	MHz	15	17		dB
2496~2690	MHz	14	16		dB
3400~3500	MHz	17	19		dB
Source Impedance			50		Ω
Load Impedance			50		Ω
Temperature Coefficient of Frequency			-36		ppm/K
Input Power Level			20		dBm
DC Voltage			3		V
Operating Temperature Range		-40		+105	°C
Storage Temperature Range		-40		+105	°C
Moisture Sensitivity Level		Level 3			

Note: 1) 0.6dB for 25°C