



Features and Benefits

Center frequency: 2530MHz
I.L: 3dB 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		2530		MHz
Insertion Loss (2520~2540 MHz)	IL		1.3	3	dB
Passband Ripple (2520~2540 MHz)			0.3	1.5	dB
VSWR			1.3	2.1	
Attenuation (Reference level from 0 dB)					
10~2380	MHz	33	35		dB
2380~2420	MHz	40	44		dB
2640~2660	MHz	50	56		dB
2660~4500	MHz	30	33		dB
Temperature Coefficient of Frequency			-36		ppm/k
In/Out Impedance (Single)			50		ohm
Input Power Level			10		dBm
DC Voltage			3		V
Operating Temperature Range		-40		+85	°C
Storage Temperature Range		-40		+85	°C

Notes:

- (1). In production, devices will be tested at room temperature to a guardbanded specification to ensure electrical compliance over temperature.
- (2). Typical values are based on average measurements at room temperature.