



Features and Benefits

Center frequency: 1832.5MHz
I.L: 3.8dB 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		1832.5		MHz
Insertion Loss (1805~1860 MHz)	IL		1.8	3.8	dB
Amplitude Ripple (1805~1860 MHz)			0.9	2.3	dB
Source Impedance			50		Ω
Load Impedance			50		Ω
Attenuation (Reference level from 0 dB)					
0.3~1710	MHz	20	26		dB
1930~3000	MHz	20	31		dB
Input Power Level			13		dBm
DC Voltage			3		V
Operating Temperature Range		-30		+85	$^{\circ}$ C
Storage Temperature Range		-40		+85	$^{\circ}$ C