



Features and Benefits

Center frequency: 1885MHz
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		1885		MHz
Insertion Loss (1850~1920 MHz) IL		2.4	3.8	dB
Amplitude Ripple (p-p) (1850~1920 MHz)		1.2	2.5	dB
VSWR (1850~1920 MHz)		1.9	2.6	
Attenuation (Reference level from 0 dB)				
D.C.~1542.5 MHz	14.0	24.5		dB
1542.5~1752.5 MHz	15.0	26.0		dB
1752.5~1827.5 MHz	10.0	17.5		dB
1962.5~ 3162.5 MHz	17.0	30.0		dB
3162.5~4000 MHz	14.0	30.0		dB
Source Impedance		50		Ω
Load Impedance		50		Ω
Input Power Level		10		dBm
DC Voltage		3		V
Operating Temperature Range	-30		+85	$^{\circ}$ C
Storage Temperature Range	-40		+85	$^{\circ}$ C