



Features and Benefits

Center frequency: 1765MHz
I.L: 3.0dB Max.
Operating temperature: -20°C to +75°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		1765		MHz
Insertion Loss (1750~1780 MHz)	IL		2.0	3.0	dB
Amplitude Ripple (1750~1780 MHz)			0.5	1.8	dB
VSWR (1750~1780 MHz)			1.45	2.0	
Attenuation (Reference level from 0 dB)					
1350~1380	MHz	30	35.5		dB
1660~1690	MHz	28	37.5		dB
1840~1870	MHz	30	46		dB
2150~2180	MHz	30	42		dB
Input Power Level			10		dBm
DC Voltage			3		V
Operating Temperature Range		-20		+75	°C
Storage Temperature Range		-40		+85	°C