



Features and Benefits

Center frequency: 1720MHz
I.L: 3.0dB 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		1720		MHz
Insertion Loss (1708~1732 MHz) IL		1.7	3.0	dB
Amplitude Ripple (1708~1732 MHz)		0.6	2.0	dB
Return Loss (1708~1732 MHz)	8	20		
Group Delay Ripple (1708~1732 MHz)		5	20	ns
Attenuation (Reference level from 0 dB)				
1220~1650 MHz	20	31		dB
1650~1670 MHz	10	25		dB
1780~1790 MHz	10	48		dB
1790~2220 MHz	20	36		dB
Input Power Level		15		dBm
DC Voltage		3		V
Operating Temperature Range	-40		+85	°C
Storage Temperature Range	-50		+95	°C