



Features and Benefits

Center frequency: 3450MHz
I.L: 5.2dB 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		3450		MHz
Insertion Loss (3400.86~3499.14 MHz) IL		3.9	5.2	dB
Amplitude Ripple (3400.86~3499.14 MHz)		1.7	3	dB
Attenuation (Reference level from 0 dB)				
3260 MHz	30	41		dB
3295 MHz	25	33		dB
3380 MHz	2.5	4.5		dB
3520 MHz	2.5	5		dB
3575 MHz	25	43		dB
Temperature Coefficient of Frequency		-36		ppm/°C
Input Power Level		20		dBm
DC Voltage		3		V
Operating Temperature Range	-40		+85	°C
Storage Temperature Range	-40		+85	°C
Moisture Sensitivity Level	Level 1(MSL1)			