



Features and Benefits

Center frequency: 1191.795MHz
I.L: 4.5dB Max.
Operating temperature: -55°C to +95°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		1191.795		MHz
Insertion Loss (1175.795~1207.795 MHz) IL		2.4	4.5	dB
Amplitude Ripple (1175.795~1207.795 MHz)		0.7	2.8	dB
VSWR (1175.795~1207.795 MHz)		2.1	2.5	
Attenuation (Reference level from 0 dB)				
0.3~300 MHz	30	36		dB
300~1110 MHz	24	30		dB
1110~1145 MHz	28	34		dB
1250~1290 MHz	28	37		dB
1290~1780 MHz	27	32		dB
1780~2000 MHz	30	34		dB
Temperature Coefficient of Frequency		-36		ppm/°C
Input Power Level		10		dBm
DC Voltage		3		V
Operating Temperature Range	-55		+95	°C
Storage Temperature Range	-55		+95	°C
Moisture Sensitivity Level	Level 1(MSL1)			