



Features and Benefits

Center frequency: 1214.5MHz
I.L: 4.5dB Max.
Operating temperature: -40°C to +105°C
Size: 3x3x1.4mm
Package type: Surface Mount

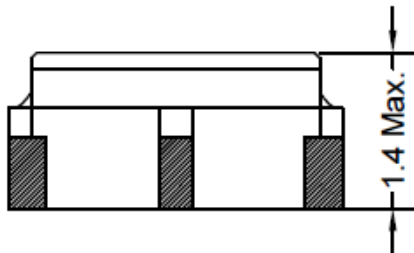


Typical Applications

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		1214.5		MHz
Insertion Loss (1191~1238 MHz)	IL		2.5	4.5	dB
Amplitude Ripple (1191~1238 MHz)			0.7	2.8	dB
Group Delay Ripple (1191~1238 MHz)			18	45	ns
Attenuation (Reference level from 0 dB)					
10~970	MHz	40	52		dB
970~1120	MHz	30	42		dB
1270~1660	MHz	30	38		dB
1660~2000	MHz	26	36		dB
Temperature Coefficient of Frequency			-36		ppm/°C
Input Power Level			10		dBm
DC Voltage			3		V
Operating Temperature Range		-40		+105	°C
Storage Temperature Range		-40		+115	°C