



Features and Benefits

Center frequency: 1638MHz
I.L: 5dB Max.
Operating temperature: -40°C to +85°C
Size: 3x3x1.4mm
Package type: Surface Mount

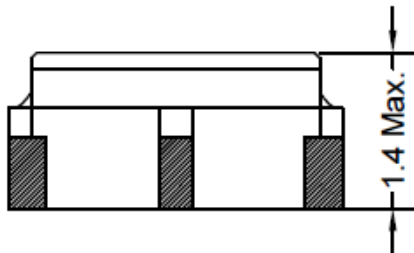


Typical Applications

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		1638		MHz
Insertion Loss (1623~1653 MHz) IL		3.6	5	dB
Amplitude Ripple (1623~1653 MHz)		0.4	2.2	dB
Attenuation (Reference level from 0 dB)				
1574~1585 MHz	30	51		dB
1585~1601 MHz	10	23		dB
1678~1688 MHz	10	23		dB
1688~1705 MHz	28	32		dB
Temperature Coefficient of Frequency		-36		ppm/k
Input Power Level		10		dBm
DC Voltage		3		V
Operating Temperature Range	-40		+85	°C
Storage Temperature Range	-40		+85	°C
Moisture Sensitivity Level	Level 1(MSL1)			