



Features and Benefits

Center frequency: 607MHz
I.L: 3dB Max.
Operating temperature: -20°C to +60°C
Size: 3x3x1.4mm
Package type: Surface Mount

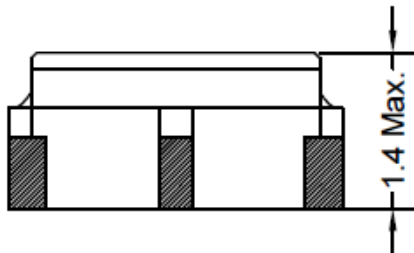


Typical Applications

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		607		MHz
Insertion Loss (598~616 MHz)	IL		1.3	3	dB
Amplitude Ripple (598~616 MHz)			0.7	1.7	dB
Group Delay, GD (598~616 MHz)			48	200	ns
Bandwidth @ -3 dB		18	27		MHz
Attenuation (Reference level from 0 dB)					
0.3~504	MHz	35	60		dB
504~544	MHz	10	60		dB
640~670	MHz	10	42		dB
670~860	MHz	40	55		dB
880~1030	MHz	50	55		dB
Source Impedance	Z _s		50		ohm
Load Impedance	Z _L		50		ohm
Input Power Level			10		dBm
DC Voltage			3		V
Operating Temperature Range		-20		+60	°C
Storage Temperature Range		-40		+85	°C