



Features and Benefits

Center frequency: 622.08MHz
I.L: 4.5dB Max.
Operating temperature: -40°C to +85°C
Size: 3x3x1.4mm
Package type: Surface Mount

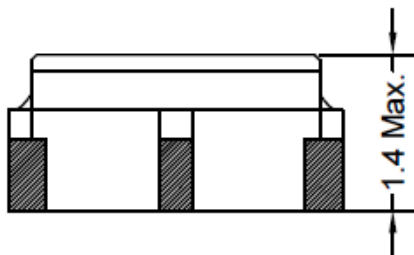


Typical Applications

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		622.08		MHz
Insertion Loss	IL		2.7	4.5	dB
Pass Band (Relative to IL)					
621.73~622.43	MHz		0.5	1.5	dB
621.58~622.58	MHz		1	2	dB
Pass Bandwidth (Relative to IL)	BW	1000	1450		KHz
Attenuation (Relative to IL)					
500~600	MHz	40	46		dB
600~612.08	MHz	27	32		dB
624~637	MHz	10	20		dB
637~647	MHz	33	37		dB
647~1000	MHz	40	46		dB
Impedance at Fc; Input	Zin=Rin//Cin	241//2.73			Ohm//pF
Output	Zout=Rout//Cout	467//3			Ohm//pF
Input Power Level			10		dBm
DC Voltage			0		V
Operating Temperature Range		-40		+85	°C
Storage Temperature Range		-40		+85	°C