



Features and Benefits

Center frequency: 1435MHz
I.L: 5dB Max.
Operating temperature: -40°C to +85°C
Size: 3x3x1.4mm
Package type: Surface Mount

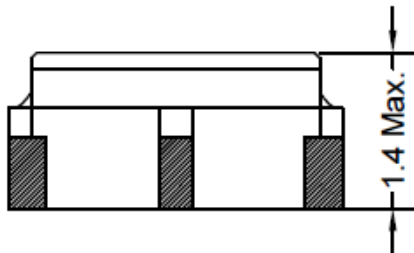


Typical Applications

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		1435		MHz
Insertion Loss (1410~1460 MHz)	IL		4.2	5	dB
Passband Ripple (1410~1460 MHz)			1.7	3	dB
Bandwidth @ 2 dB		50	57		MHz
Group Delay Variation (1410~1460 MHz)			10	15	ns
VSWR (1410~1460 MHz)			1.6	2.4	
Attenuation (Reference level from 0 dB)					
D.C.~1360	MHz	40	46		dB
1360~1385	MHz	20	42		dB
1485~1565	MHz	18	26		dB
1565~2900	MHz	40	43		dB
In/Out Impedance (Single)			50		ohm
Input Power Level			15		dBm
DC Voltage			3		V
Operating Temperature Range		-40		+85	°C
Storage Temperature Range		-40		+85	°C