



Features and Benefits

Center frequency: 2462MHz
I.L: 4.0dB Max.
Operating temperature: -5°C to +70°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		2462		MHz
Pass Band Frequency	2443		2481	MHz
Insertion Loss 1 (2453~2471 MHz) IL		3.0	3.5	dB
Insertion Loss 2 (other Frequency within Pass Band) IL		3.2	4.0	dB
Amplitude Ripple (2443~2481 MHz)		1.2	2.5	dB
Return Loss (2443~2481 MHz)	9.2	13		dB
Attenuation (Reference level from 0 dB)				
800~2170 MHz	40	41.7		dB
2170~2300 MHz	30	47		dB
2300~2390 MHz	30	35		dB
Input Power Level		16		dBm
DC Voltage		3		V
Operating Temperature Range	-5		+70	°C
Storage Temperature Range	-40		+95	°C
Moisture Sensitivity Level	Level 1			
ESD (MM)		50		V
ESD (HBM)		100		V