



Features and Benefits

Center frequency: 868MHz

I.L: 4.0dB Max.

Operating temperature: -30°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: $\pm 0.2\text{mm}$



Specifications

Parameter	Min.	Typical	Max.	Units
Center Frequency Fc		868		MHz
Insertion Loss (863~873 MHz) @25°C IL		1.9		dB
Insertion Loss (863~873 MHz) @operation Temp IL			4.0	dB
Amplitude Ripple (863~873 MHz)		0.7	2.8	dB
Attenuation (Reference level from 0 dB)				
D.C. ~ 750 MHz	34	40		dB
880 MHz	3.5	19		dB
1000 ~ 2000 MHz	34	40		dB
Temperature Coefficient of Frequency		-36		ppm/°C
Input Power Level		18		dBm
DC Voltage		3		V
Operating Temperature Range	-30		+85	°C
Storage Temperature Range	-30		+85	°C
Moisture Sensitivity Level	Level 1			