



Features and Benefits

Center frequency: 931MHz

I.L: 3.0dB Max.

Operating temperature: -20°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		931		MHz
Insertion Loss (924.5~937.5 MHz)	IL		1.84	3.0	dB
Pass Band (924.5~937.5 MHz)		13	25		MHz
Attenuation (Reference level from 0dB)					
100 ~ 850	MHz	50	63		dB
1020 ~ 1200	MHz	50	58		dB
Temperature Coefficient of Frequency			-36		ppm/°C
Input Power Level			10		dBm
DC Voltage			3		V
Operating Temperature Range		-20		+85	°C
Storage Temperature Range		-55		+125	°C
Source impedance			50		Ω
Load impedance			50		Ω
Moisture Sensitivity Level		Level 1 (MSL1)			