



## Features and Benefits

Center frequency: 925.4MHz

I.L: 5.0dB Max.

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



## Specifications

Parameter		Min.	Typical	Max.	Units
Center Frequency	Fc		925.4		MHz
Insertion Loss (923.3~927.5 MHz)	IL		3.2	5.0	dB
Amplitude Ripple (923.3~927.5 MHz)			0.6	1.2	dB
VSWR (923.3~927.5 MHz)			1.4	2.2	
Attenuation (Reference level from 0dB)					
10 ~ 791	MHz	45	55		dB
791 ~ 875	MHz	40	50		dB
857 ~ 915	MHz	30	40		dB
935 ~ 943	MHz	35	38		dB
943 ~ 1000	MHz	45	55		dB
1000 ~ 2000	MHz	30	40		dB
Temperature Coefficient of Frequency			-36		ppm/K
Input Power Level			13		dBm
DC Voltage			6		V
Operating Temperature Range		-30		+70	°C
Storage Temperature Range		-40		+85	°C