



Features and Benefits

Center frequency: 915MHz

I.L: 3.5dB 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: $\pm 0.2\text{mm}$



Specifications

Parameter		Min.	Typical	Max.	Units
Center Frequency	Fc		915		MHz
Insertion Loss (902~928 MHz)	IL		2.9	3.5	dB
Amplitude Ripple (902~928 MHz)			1.4	2.0	dB
Attenuation (Reference level from 0dB)					
0.3 ~ 800	MHz	25	33		dB
800 ~ 880	MHz	20	37		dB
960 ~ 1280	MHz	35	38		dB
1280 ~ 2000	MHz	20	35		dB
Temperature Coefficient of Frequency			-30		ppm/K
Input Power Level			10		dBm
DC Voltage			0		V
Operating Temperature Range		-40		+85	°C
Storage Temperature Range		-40		+85	°C
Source impedance	Zs		50		Ω
Load impedance	ZL		50		Ω

Note: The standard definition is in JIS C 6703