



Features and Benefits

Center frequency: 925.8MHz

I.L: 2.8dB 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		925.8		MHz
Insertion Loss (923.5~928.1 MHz)	IL		2.2	2.8	dB
Amplitude Ripple (923.5~928.1 MHz)			0.3	1.3	dB
VSWR (923.5~928.1 MHz)			1.4	2.0	
Attenuation (Reference level from 0dB)					
10 ~ 815	MHz	40	43		dB
815 ~ 830	MHz	40	43		dB
830 ~ 875	MHz	40	42		dB
875 ~ 905	MHz	27	42		dB
905 ~ 915	MHz	12	25		dB
945 ~ 950	MHz	35	60		dB
950 ~ 1150	MHz	50	54		dB
1150 ~ 1856	MHz	32	42		dB
1856 ~ 2500	MHz	26	37		dB
Temperature Coefficient of Frequency			-36		ppm/K
Input Power Level			20		dBm
DC Voltage			3		V
Operating Temperature Range		-40		+85	°C
Storage Temperature Range		-40		+85	°C
Moisture Sensitivity Level		Level 1 (MSL1)			