



Features and Benefits

Center frequency: 924MHz

I.L: 2.4dB 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		924		MHz
Insertion Loss (920~928 MHz)	IL		1.6	2.4	dB
Amplitude Ripple (920~928 MHz)			0.3	1.5	dB
Attenuation (Reference level from 0dB)					
40 ~ 874	MHz	37	43		dB
874 ~ 890	MHz	20	39		dB
890 ~ 895	MHz	3	18		dB
950 ~ 960	MHz	3	18		dB
960 ~ 995	MHz	23	33		dB
995 ~ 1500	MHz	34	41		dB
1500 ~ 3000	MHz	27	36		dB
Temperature Coefficient of Frequency			-36		ppm/K
Input Power Level			15		dBm
DC Voltage			3		V
Operating Temperature Range		-40		+85	°C
Storage Temperature Range		-40		+85	°C
Moisture Sensitivity Level		Level 1 (MSL1)			