



Features and Benefits

Center frequency: 950.5MHz

I.L: 6.5dB 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		950.5		MHz
Insertion Loss (941~960 MHz) 25°C IL		2.5	3.5	dB
Insertion Loss (941~960 MHz) (-40°C to +85°C) IL		2.5	6.5	dB
Amplitude Ripple (941~960 MHz)		1.1	2.5	dB
Attenuation (Reference level from 0dB)				
100 ~ 800 MHz	45	49		dB
902 ~ 928 MHz	25	37		dB
1100 ~ 1800 MHz	32	36		dB
Temperature Coefficient of Frequency		-36		ppm/K
Input Power Level		10		dBm
DC Voltage		3		V
Operating Temperature Range	-40		+85	°C
Storage Temperature Range	-40		+85	°C
Moisture Sensitivity Level	Level 1 (MSL1)			