



## Features and Benefits

Center frequency: 895MHz

I.L: 3.2dB Max.

Operating temperature: -40°C to +85°C

Size: 3x3x1.4mm

Package type: Surface Mount



## Typical Applications

IOT

Cellular

Telecom

4G/LTE

Wireless Communication

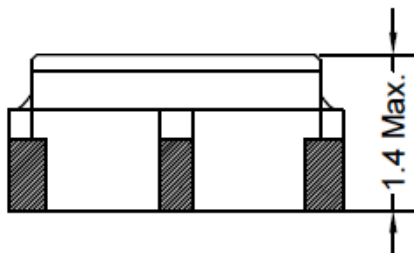
WLAN

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		895		MHz
Insertion Loss (894~896 MHz)	IL		2.6	3.2	dB
Amplitude Ripple (894~896 MHz)			0.3	1.2	dB
Return Loss (894~896 MHz)		9	12		dB
Attenuation (Reference level from 0 dB)					
10 ~ 851	MHz	40	56		dB
1030 ~ 1100	MHz	40	54		dB
1100 ~ 2600	MHz	25	33		dB
Temperature Coefficient of Frequency			-36		ppm/°C
Input Power Level			15		dBm
DC Voltage			5		V
Operating Temperature Range		-40		+85	°C
Storage Temperature Range		-40		+85	°C