



Features and Benefits

Center frequency: 923.5MHz

I.L: 3.5dB Max.

Operating temperature: -10°C to +85°C

Size: 3x3x1.4mm

Package type: Surface Mount



Typical Applications

IOT

Cellular

Telecom

4G/LTE

Wireless Communication

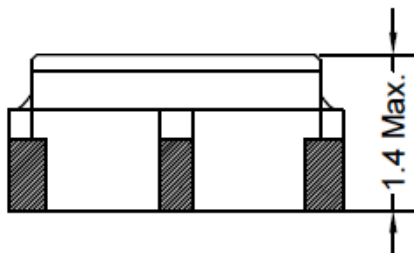
WLAN

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		923.5		MHz
Insertion Loss (919~928 MHz)	IL		2.6	3.5	dB
Amplitude Ripple (919~928 MHz)			0.6	3.0	dB
VSWR (919~928 MHz)			1.3	2.2	
Attenuation (Reference level from 0dB)					
D.C. ~ 880	MHz	30	53		dB
880 ~ 900	MHz	20	50		dB
900 ~ 910	MHz	10	24		dB
940 ~ 1000	MHz	10	34		dB
1000 ~ 3000	MHz	20	31		dB
Input Power Level			10		dBm
DC Voltage			3		V
Operating Temperature Range		-10		+85	°C
Storage Temperature Range		-30		+85	°C
Moisture Sensitivity Level		Level 1 (MSL1)			