

# UWB Chip Antenna

**MODEL: CR601**

**P/N: H2UL4F1T2W0100**



## Features

- SMD Chip Antenna
- Frequency: 6000 ~ 8000 MHz
- Dimensions: 6.0 x 5.0 x 0.5mm
- RoHS 2.0 Compliant
- AEC-Q200 Compliant

## Applications

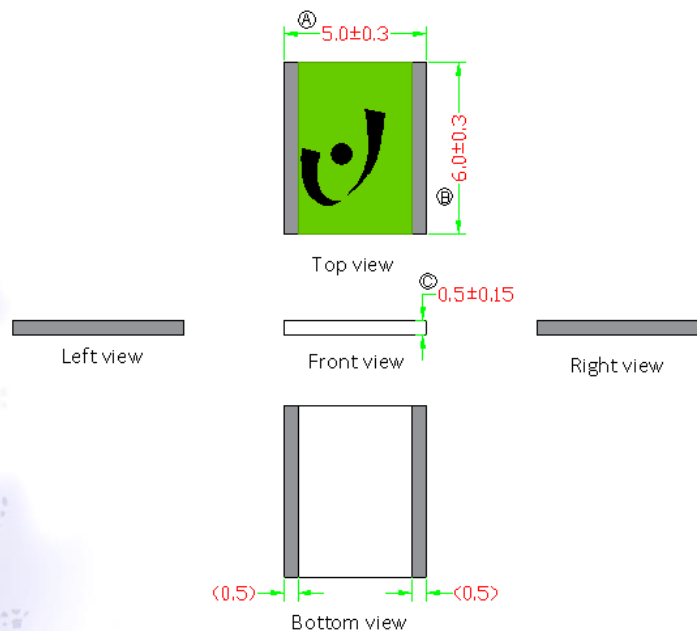
- Automotive sensors
- Ultra-wideband radios
- Precision surveying
- Remote controls
- Centimeter Level Positioning

## Specifications

Items	Specifications
<b>Frequencies (MHz)</b>	6000 ~ 8000
<b>VSWR</b>	3.0 Max. (typical)
<b>Efficiency (%)</b>	71 (typical)
<b>Average Gain (dB)</b>	-1.5 (typical)
<b>Peak Gain (dBi)</b>	6.3 (typical)
<b>Test Condition</b>	25 x 20 mm <sup>2</sup> (Evaluation board)
<b>Impedance (Ω)</b>	50
<b>Polarization</b>	Linear Polarization

Mechanical Specifications	
<b>Dimensions (mm)</b>	6 (L) x 5 (W) x 0.5 (H)
<b>Material</b>	Ceramic
Environmental Conditions	
<b>Operation Temperature (°C)</b>	-40 ~ +85
<b>Storage Temperature (°C)</b>	-5 ~ +40
<b>Relative Humidity</b>	10 ~ 70 %

## Mechanical Dimensions (unit : mm)



**\*This specification is subject to change without prior notice**