

# WiFi/Bluetooth Chip Antenna

**MODEL: CW324S**

**P/N: H2U38D1E1B0100**



## Features

- Stable and reliable in performances
- Low profile, compact size
- RoHS 2.0 compliance
- SMT processes compatible
- AEC-Q200 compliant

## Applications

- ISM 2.4 GHz applications
- ZigBee/BLE applications
- Bluetooth earphone systems
- Hand-held devices when WiFi / Bluetooth functions are needed, e.g., Smart phones
- IEEE802.11 b/g/n
- Wireless PCMCIA cards or USB dongles

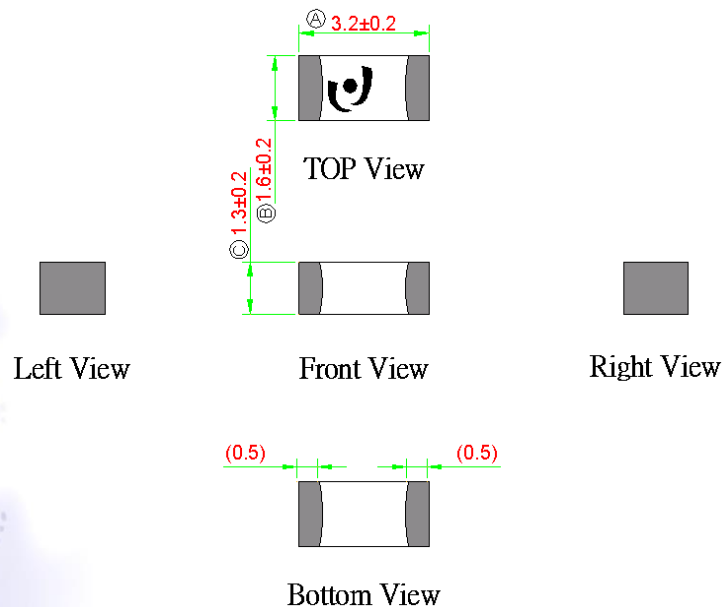
## Specifications

Items	Specifications
<b>Frequencies (MHz)</b>	2400~2500
<b>VSWR</b>	2 Max.
<b>Efficiency (%)</b>	56.3 Typ.
<b>Average Gain (dB)</b>	-2.5 Typ.
<b>Peak Gain (dBi)</b>	1.5 Typ.
<b>Test Condition</b>	40 x 40 mm <sup>2</sup> (Evaluation board)
<b>Impedance (Ω)</b>	50
<b>Polarization</b>	Linear Polarization

Mechanical Specifications	
<b>Dimensions (mm)</b>	3.2 (L) x 1.6 (W) x 1.3 (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 %

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All specifications subject to change without notice.

## Mechanical Dimensions (unit : mm)



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