

# WiFi/Bluetooth Chip Antenna

**MODEL: AA029**

**P/N: H2U262GKBA0100**



## Features

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

## 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

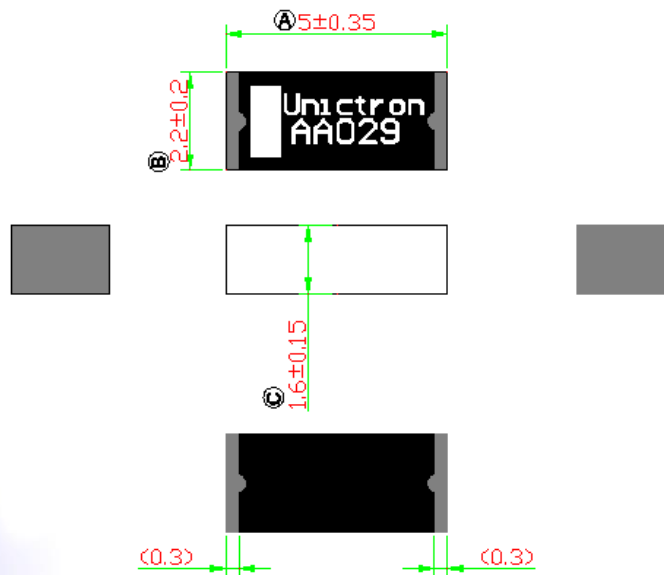
## Specifications

Items	Specifications
Frequencies (MHz)	2400~2500
VSWR	2 Max.
Efficiency (%)	66 Typ.
Average Gain (dB)	-1.8 Typ.
Peak Gain (dBi)	2.2 Typ.
Test Condition	40 x 40 mm <sup>2</sup> (Evaluation board)
Impedance (Ω)	50
Polarization	Linear Polarization

Mechanical Specifications	
Dimensions (mm)	5 (L) x 2.2 (W) x 1.6 (H)
Material	FR4
Environmental Conditions	
Operation Temperature (°C)	-40 ~ +85
Storage Temperature (°C)	-5 ~ +40
Relative Humidity	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