

WiFi Dual Band Chip Antenna

MODEL: AA077U

P/N: H2U84W1H1S0800



Features

- Stable and reliable performances in both 2.4 and 5 GHz bands
- Low profile and compact size
- RoHS 2.0 compliance
- SMT processes compatible
- AEC-Q200 compliant

Applications

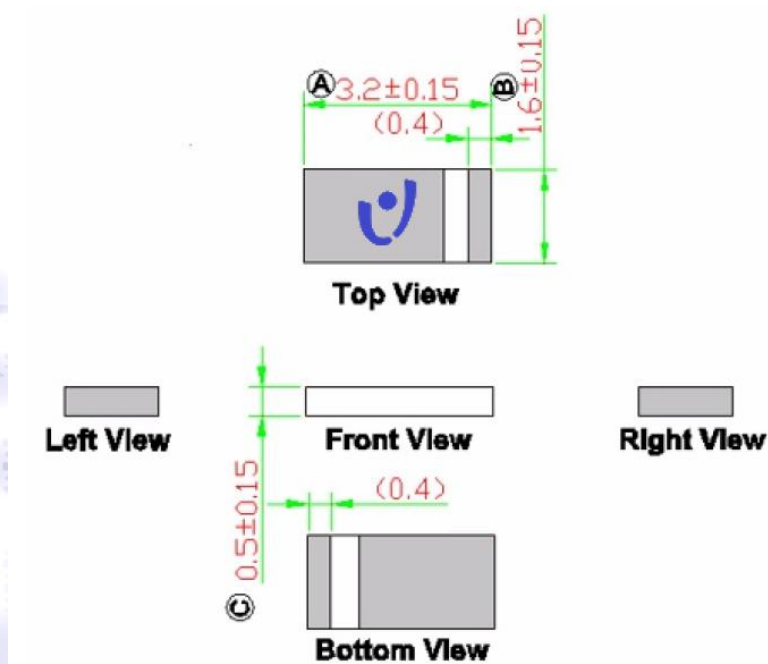
- Wi-Fi CERTIFIED ac applications
- Wireless communication devices when IEEE802.11 a/b/g/n/ac functions are needed
- IoT applications

Specifications

Items	Specifications	
Frequencies (MHz)	2400~2500	5150 ~ 5850
VSWR	2 Max.	2 Max.
Efficiency (%)	76 Typ.	67 Typ.
Peak Gain (dBi)	1.4 Typ.	2.3 Typ.
Test Condition	80 x 40 mm ² (Evaluation board)	
Impedance (Ω)	50	
Polarization	Linear Polarization	

Mechanical Specifications	
Dimensions (mm)	3.2 (L) x 1.6 (W) x 0.5 (H)
Material	Ceramic
Environmental Conditions	
Operation Temperature (°C)	-40 ~ +85
Storage Temperature (°C)	-5 ~ +40
Relative Humidity	10 ~ 70 %

Mechanical Dimensions (unit : mm)



*This specification is subject to change without prior notice