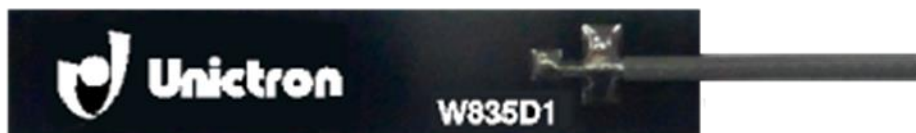


# ISM PCB Substrate Antenna

**MODEL: W835D1**

**P/N: H2B1SD1A1S0100**



## Features

- Stable and reliable in performances
- Compact size
- RoHS2.0 compliance

## Applications

- ISM 868 band
- Smart meters
- Wireless alarm and security system
- Industrial monitoring and control
- IOT applications

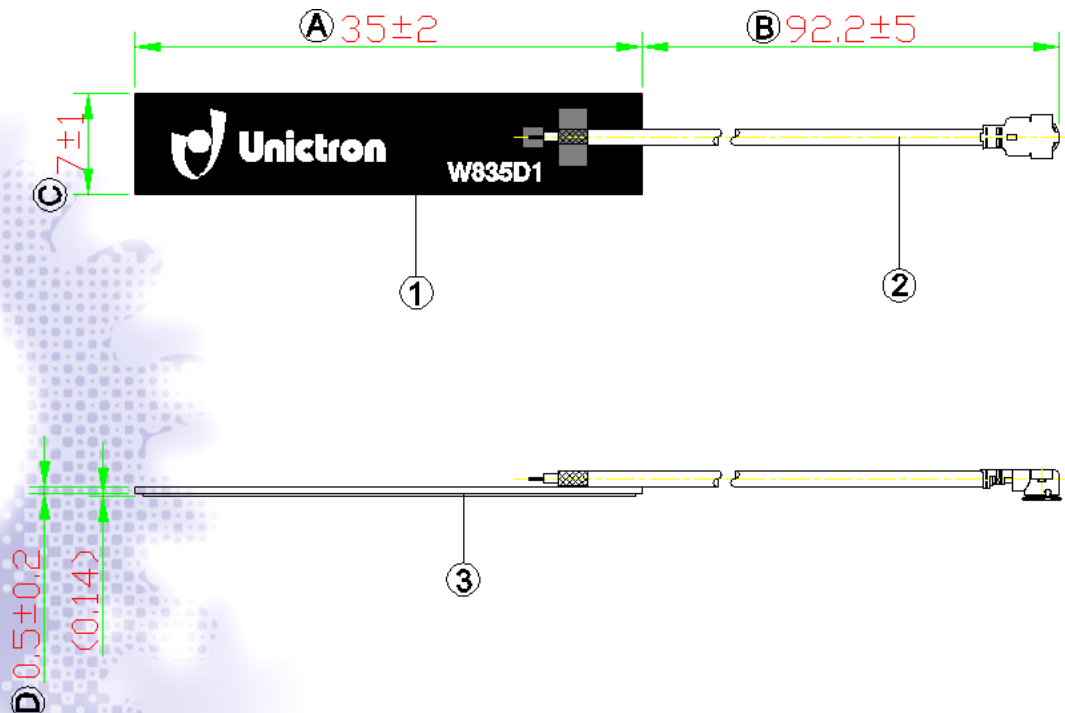
## Specifications

Items	Specifications
Frequencies (MHz)	863 ~ 870
VSWR	2 max. Typ.
Efficiency (%)	64.6 Typ.
Average Gain (dB)	-1.9 Typ.
Peak Gain (dBi)	1.7 Typ.
Impedance ( $\Omega$ )	50 Typ.
Polarization	Linear Polarization

Mechanical Specifications	
Dimensions (mm)	35 (L) x 7 (W) x 0.5 (H)
Environmental Conditions	
Operation Temperature ( $^{\circ}\text{C}$ )	-40 ~ +85
Storage Temperature ( $^{\circ}\text{C}$ )	-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