



Product Technical Specification Confirmation

Product Name: QB-RS663 Card Reader Antenna

Product Model: QB-RS663-ANT

Product SN: QB-RS663-ANT

Kunshan QuanBao Electronic Ltd.
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1. Product Introduction

The NFC Loop Antenna RFID 13.56 MHz Antenna QB-RS663-ANT style is a Near Field Large RFID antenna Large NFC Antenna 65x42mm size 2dBi gain NFC Reader Antenna 13.56 MHz Antenna supplied by the Kunshan QuanBao Electronic Ltd.

2. Product Characteristics

RFID Antenna NFC Antenna Main applications:

RFID readers/writers/RFID tags

For 13.56Mhz NFC cell phone antenna and RFID devices /tag

- 1) Isolating the absorption of metal material to the antenna magnetic field.
- 2) Increase the magnetic field strength of the antenna, effectively increasing the communication induction Distance

3. Product Technical Specification

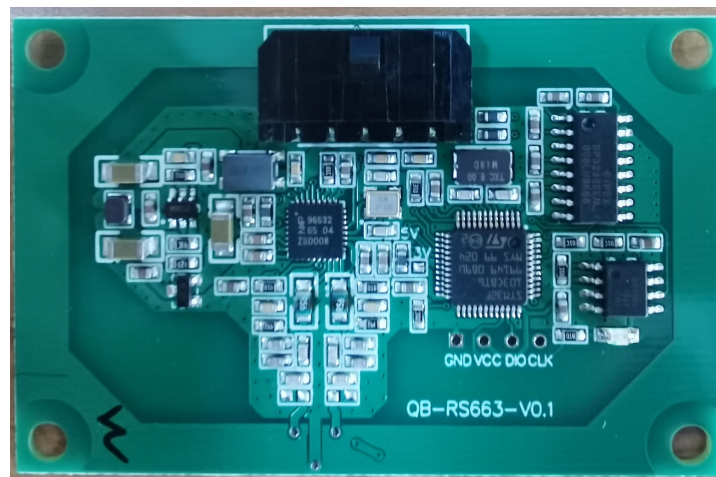
NFC Loop Antenna RFID 13.56 MHz Antenna Electrical Specifications

RF Antenna Type	13.56MHz Antenna
Model	QB-RS663-ANT
Frequency	13.56MHz
Gain	2dBi
VSWR	≤1.5
Impedance	50 Ω
Polarization	Vertical Polarization
Lightning Protection	DC-Ground

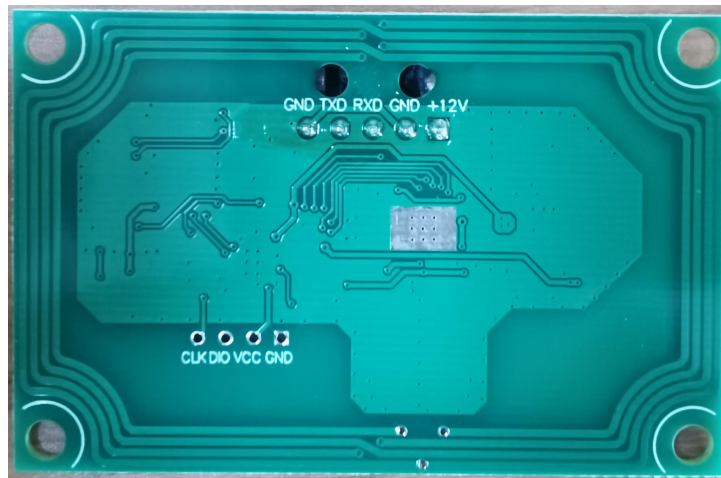


PCB Board Dimension	65*42mm
Operation Temperature	-40°C ~ +85°C
Storage Temperature	-40°C ~ +80°C
Antenna Design	Dipole Array
Mounting	Self-Adhesive Type Mount
Safety Emission and other	RoHS Compliant
Applications	IoT/M2M, RFID

4.Product Picture

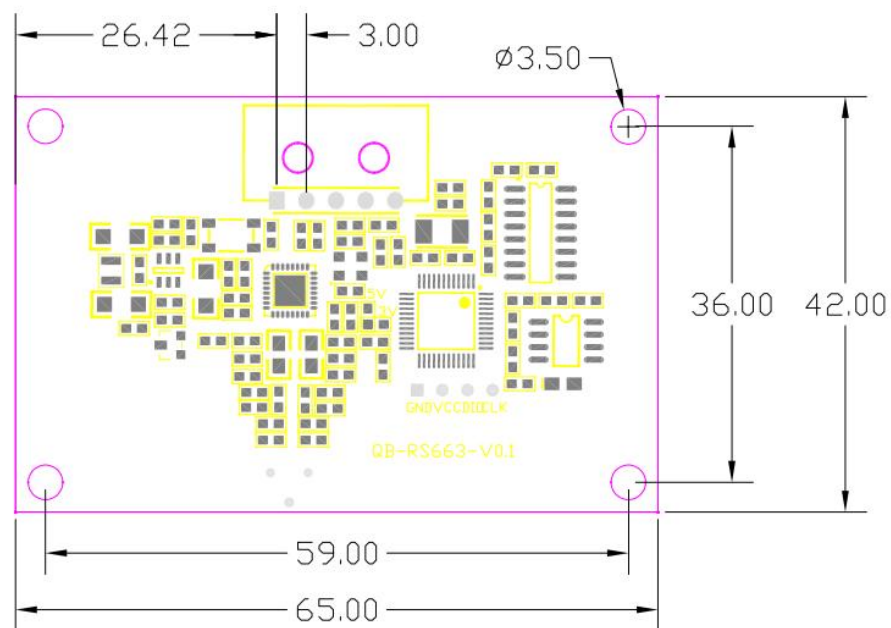


Device-Layer View



Antenna-Layer View

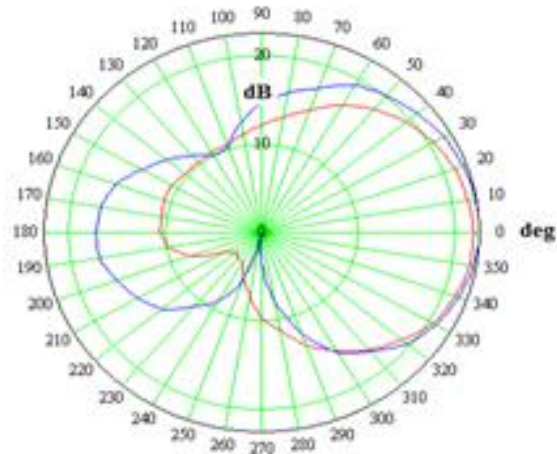
5. Product Specification Chart



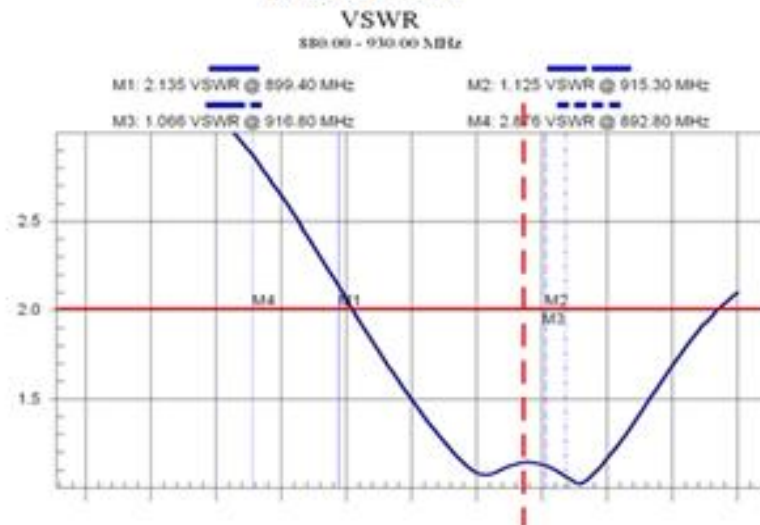


6. Measured Radiation Pattern and VSWR

Measured pattern of an antenna



Measured VSWR



6.