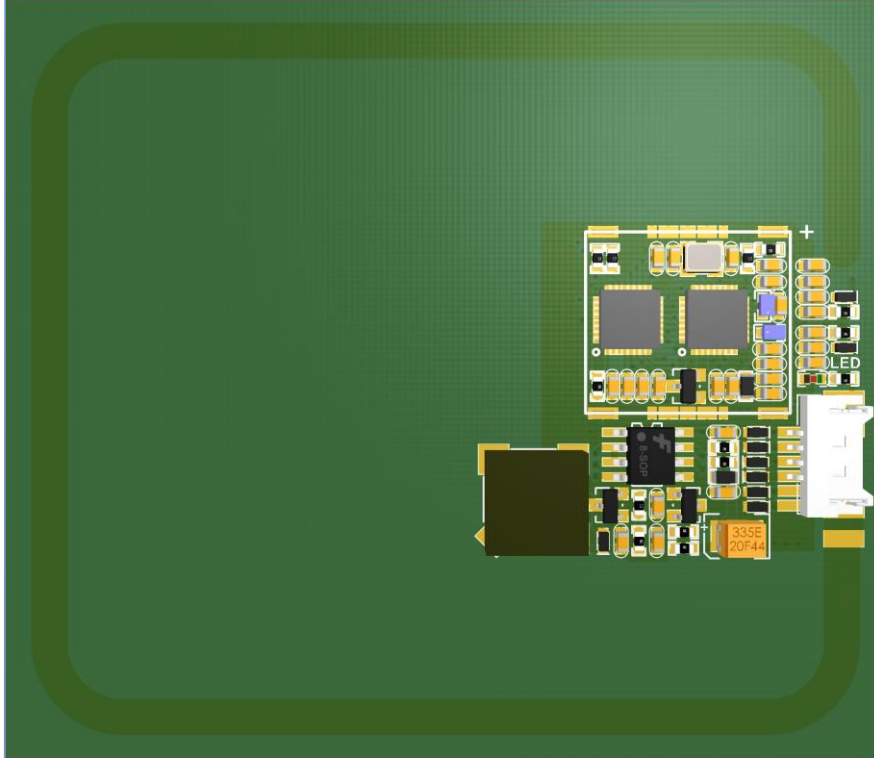


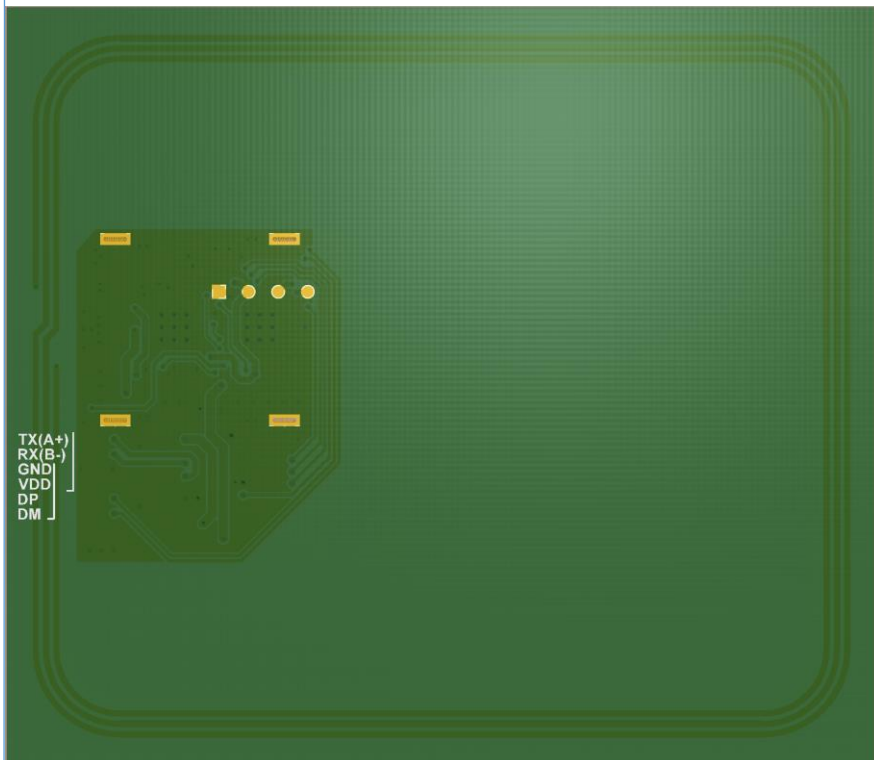
W6575-4P RFID/NFC Module

Small size(65mm*75mm*4.3mm) module with integrated Antenna

TOP VIEW (Single side arrangement of components)



BOTTOM VIEW (smooth and easy adhesive)

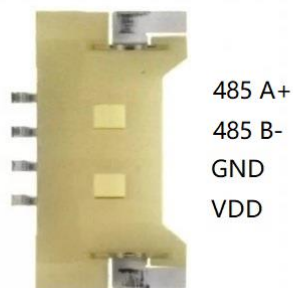


Key Features:

- Reader/writer functionality compatible with ISO/IEC14443A&B, MIFARE, FeliCa, ISO18092, and NFC Forum tag types (MIFARE UltraLight, Plus, DESFire)
- Card emulation functionality
- Operating distance up to 80-100 mm
- Integrated MIFARE reader support
- Available with extended Temperature range
- Automatic Card detection mode enable
- Flexible host interface (Modbus or RS485)
- Firmware update able
- Communicate with NFC of Iphone

NOTE: Flash capacity limited, not all features met at the same time

PIN Definition:



(RS485 mode)

Connector type :

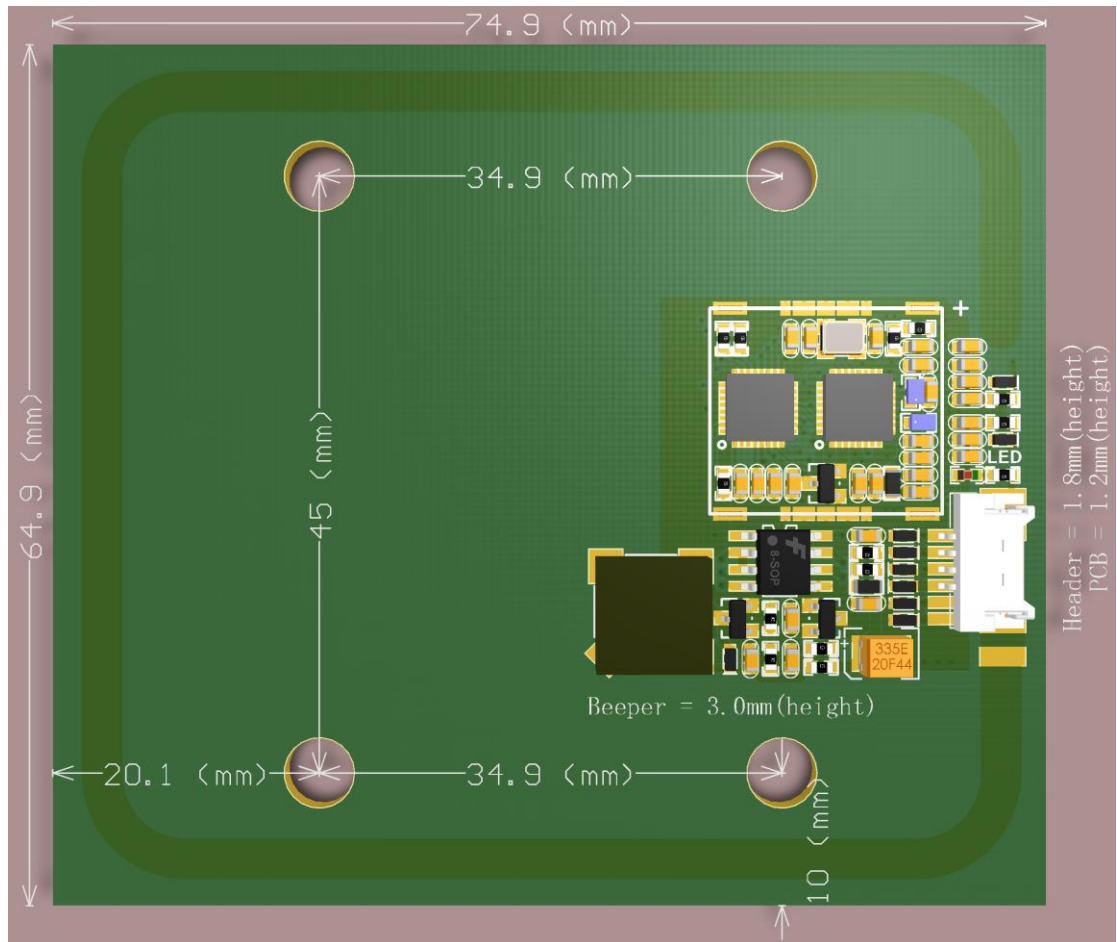
MOLEX: 53780-0670

HCTL: HC-CB1.25-6AWT

RS485 interface:

PIN	Signal	I/O Type	Description
PIN1	A+	IO	485 A+
PIN2	B-	IO	485 B-
PIN3	GND	PWR	Power GND
PIN4	VDD	PWR	DC 12V

Dimensions:



Key technical data:

Product features	Description
Host interfaces	Serial Uart up to 115200 bit/s (default 19200)
Carrier frequency	13.56 MHz
Baud rates	up to 424 kbit/s (default 106kbps)
Reader / writer	ISO/IEC 14443 A&B MIFARE (Classic, UltraLight, DESFire, Plus) NFC Forum Tag Type support FeliCa
Peer-to-peer	ISO/IEC 18092 (active and passive)
Card emulation	ISO 14443 A (NFC T2T)/ISO 14443B
Supply voltage	DC5V or 12 V
Typical RF current	<60 mA (antenna on with no card place in wide open)

	<6mA (average current of automatic card detection mode)
Software	Examples code (C#, C++, android java)

NOTE:Flash capacity limited, not all features met at the same time

APPLICATION EXAMPLES:

- Payment and loyalty schemes
- NFC enabled POS terminals
- Gaming and entertainment systems
- Industrial and medical applications
- Easy pairing of Bluetooth, Wi-Fi, or WUSB devices
- Automotive applications

Model Description:

Model	Interface	Protocol
W6575-R	RS485(12V)	ISO14443A/B+18092
W6575-Modbus	Modbus(5V)	ISO14443A/B+18092