



## Product Specifications

Client: Standard

Customer Type: \_\_\_\_\_

Product Name: Contactless Module

Item model number: RD04

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Review: \_\_\_\_\_

approve: \_\_\_\_\_

Customer review/approval			
audit		approve	
date		date	



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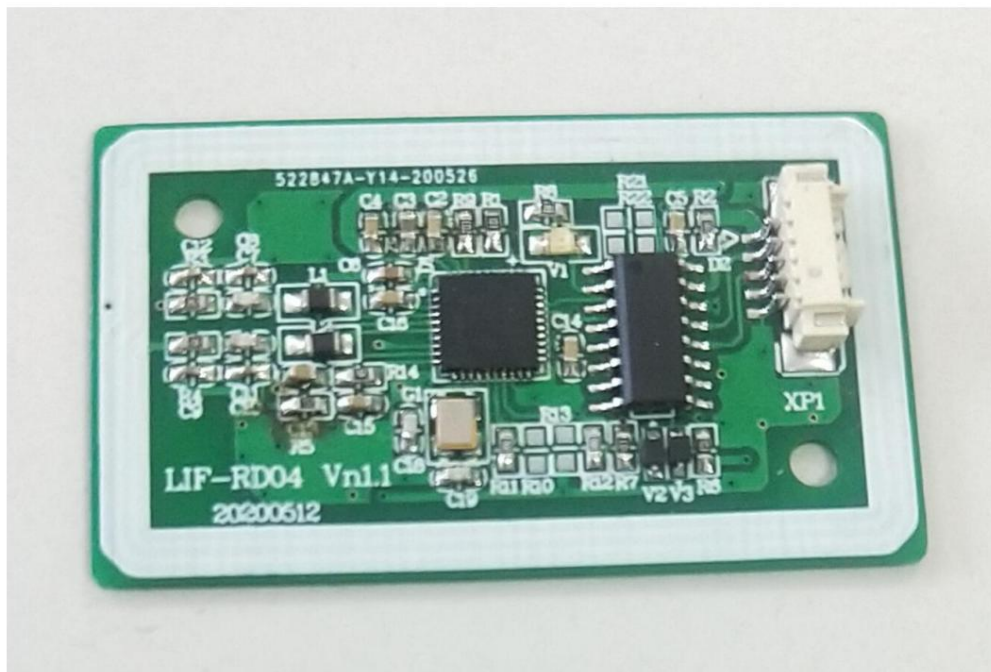
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#### A. Overview:

RD04 contactless module, supports RFID (NFC) read and write function, with small size,

Low power consumption, stable performance, easy installation and so on.



RD04 physical map

#### B. Product features:

- RD04 adopts 13.56MHz non-contact radio frequency technology, the antenna is integrated with the circuit board, and the farthest reading

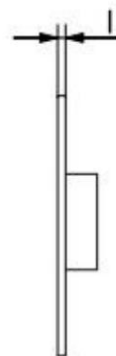
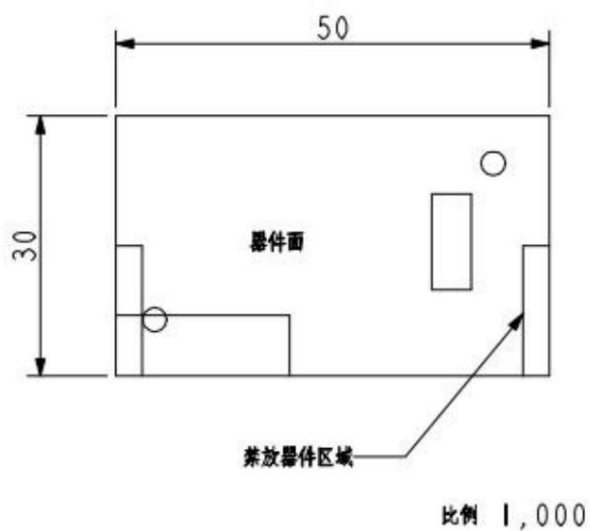
The writing distance is more than 5cm, and it supports 6 different working modes

- ISO/IEC 14443A/MIFARE Reader/Writer
- FeliCa Reader/Writer
- ISO/IEC 14443B Reader/Writer
- ISO/IEC 14443A/MIFARE Card 1K or MIFARE 4K card emulation mode
- FeliCa Card emulation
- ISO/IEC 18092, ECMA 340 NFCIP-1 Peer-to-Peer



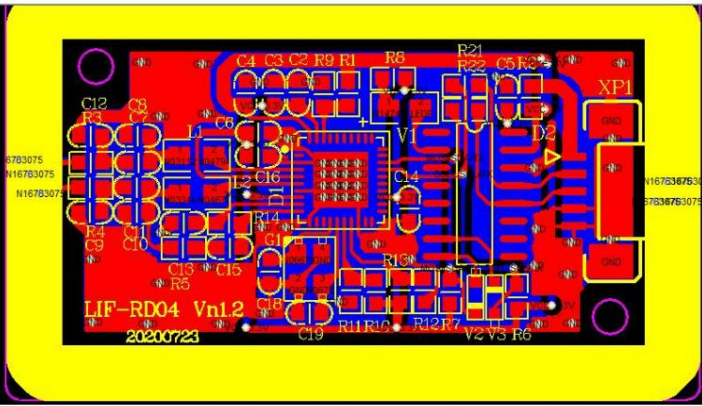
- Low power consumption: the power consumption in sleep mode is 13uA, and the working power consumption is 40mA-100mA (specifically related to card type and distance)
- Communication interface: HID-USB interface;
- Power supply: DC+5V  $\pm 10\%$ .
- Dimensions: 50\*30\*1mm;
- Working environment temperature: 0 $\ddot{y}$  - +50 $\ddot{y}$ ;
- Storage temperature: -20 $\ddot{y}$  - +55 $\ddot{y}$ ;
- Working humidity: 10%-90% without condensation;
- Atmospheric pressure: 86-106kpa.

### C, product structure diagram





D. Definition of interface line sequence



Description	XP1	1.25-5P
PIN#		
1	Vcc	+5V±10%
2	D-	
3	D+	
4	GND	
5	GND	