

PIEH-3560T

125KHz EM & H.I.D. Proximity Module

Ver. 22.1

● Specification

| | | |
|---------------------------|--|---------------------------|
| RFID Frequency | 125KHz | |
| Card Format | EM 4001, EM 4102 or compatible / TEMIC 5557 / H.I.D. or compatible | |
| Read Range | EM | H.I.D. |
| | Card: Max. 4cm | Card: Max. 4cm |
| Interface | UART | |
| Voltage Supply Range | 4.5~5.3V DC | |
| Standby / Working current | DC 4.5V | 13mA / 14mA±10% @ 4.5V DC |
| | DC 5.3V | 17mA / 18mA±10% @ 5.3V DC |
| Dimensions | 60 X 35mm | |

● Pin assignments

| J1 | | | |
|-----|--------|----------|--------------------------|
| Pin | Color | Function | Description |
| 1 | White | Vin | DC 5V |
| 2 | Green | GND | Signal & DC power common |
| 3 | Orange | UART | Tx |
| 4 | Brown | --- | --- |
| 5 | Black | --- | --- |
| 6 | Red | --- | --- |



LED:
Standby: Green
Reading: Red

- **Data formats**
- **UART output format**

| | | | | | |
|-------------------|--------------------------|---------------------------|------------------|------------------|-------------------|
| STX(02Hex) | CARD ID(10 ASCII) | CHECK SUM(2 ASCII) | CR(0DHex) | LF(0AHex) | ETX(03Hex) |
|-------------------|--------------------------|---------------------------|------------------|------------------|-------------------|

- The 1 byte (2 ASCII characters) Check sum is the “Exclusive OR” of the 5 hex bytes(10 ASCII)Data characters.

- **Transmission Spec.**

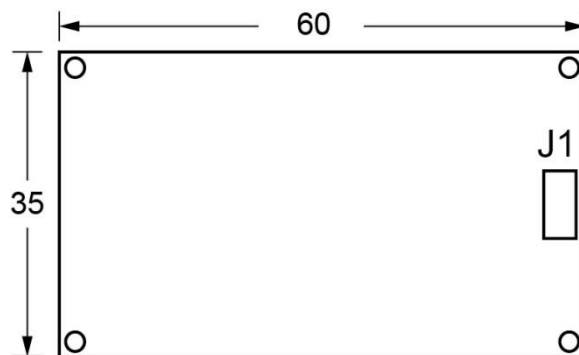
Baud rate : 9,600 bps

Parity bit : none

Data bit : 8

Stop bit : 1

- **Dimension: mm**



Specifications subject to change without notice for further modification.

W-04-PIEH-3560T /E