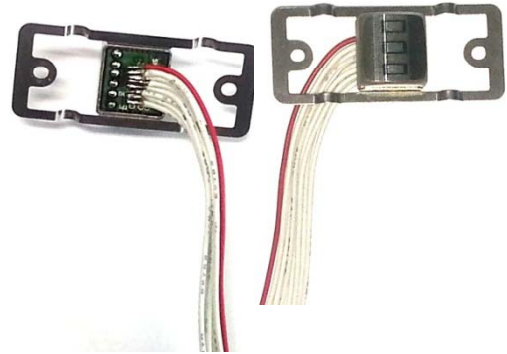


101010011010101010001011
 0010111011010101010101000
 0010101010001101010101001
 00110000010110101001
 1001010100001110100011
 11001010101020000010001
 11110001010010000011011
 101010100101010101100
 010001100100000001
 0101010101010101
 01010101101010100
 110110101010101
 110101010
 101110

SWH-PCI HEAD



The encrypting SWH-PCI Module incorporates SKY3500 ASIC. Which allows for the electronics to be embedded in the read head. SWH-PCI will not only performs the magnetic stripe data decoding, it also contains microprocessor that handles encryption and communications for multiple interfaces as UARTs, SPI, USB.

Features

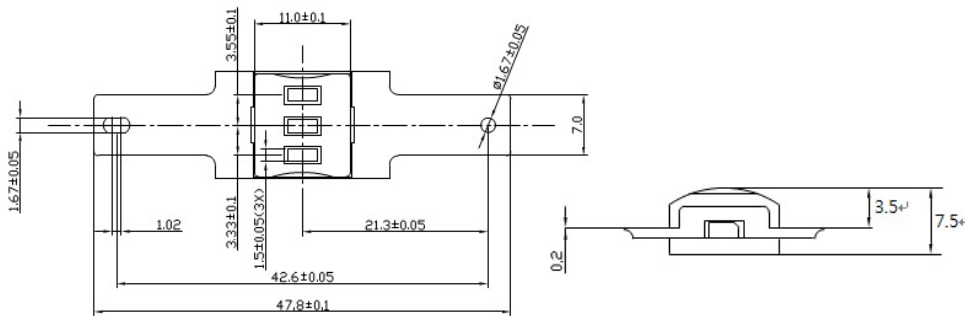
- **Changeable Dual Key Encryption Management as Master Key and Running Key**
- Reads up to three tracks of card data
- Bidirectional card reading
- In-head electronics to prevent tampering
- Supports DES & Tri-DES encryption
- DUKPT key management
- Simple to mount wing spring & cost effective decoding solution

General Interface RS232, SPI, USB
 Card Speed 3 to 75ips (7.6 to 190.5 cm/s), bi-directional

Electrical Power 3.0 to 5.5VDC
 Active power supply current 15mA Standby
 Power supply current 2mA

Environmental
 Operating Temperature -40°C to 70°C(-40°F to 158°F)
 Storage Temperature -40°C to 70°C(-40°F to 158°F)
 Humidity Maximum 95% non-condensing, dry storage

Dimension



Pin Map

Housing: Molex 51021 7pins

RS232 Interface	SPI Interface
7 -- VPP	7 -- CPD
6 -- Rx	6 -- SDO
5 -- Tx	5 -- SDI
4 -- VDD	4 -- SCK
3 -- VSS	3 -- nCS
2 -- LED2(option)	2 -- VSS
1 -- LED1(option)	1 -- VDD



SOLUTION GROUP
SOLUTION WAY Co., Ltd.