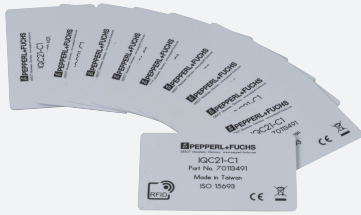


RFID Transponder

IQC21-C1 10pcs

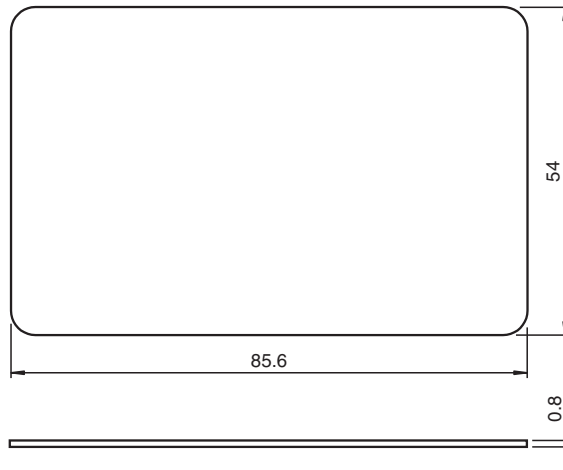


- Operating frequency 13.56 MHz
- Conforms to ISO 15693
- 64 bit Fixcode
- 896 bits memory available
- Readable and writable from both sides
- Degree of protection IP68
- ISO credit card format

Data carrier



Dimensions



Technical Data

| General specifications | |
|-----------------------------|-------------------|
| Operating frequency | 13.56 MHz |
| Transfer rate | 26 kBit/s |
| Memory | |
| Chip Type | I-CODE SLIX (NXP) |
| EEPROM | 896 Bit |
| UID | 64 Bit |
| Memory organization | 4 bytes/block |
| Read cycles | unlimited |
| Write cycles | 100000 |
| Data retention period | 50 years |
| Directive conformity | |
| Radio equipment | |
| Directive 2014/53/EU | EN 300330 |
| RoHS | |
| Directive 2011/65/EU (RoHS) | IEC/EN 63000 |
| Standard conformity | |

Release date: 2022-12-15 Date of issue: 2022-12-15 Filename: 70113491_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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 PEPPERL+FUCHS

Technical Data

| | |
|----------------------------------|--|
| Degree of protection | EN 60529 |
| RFID | ISO/IEC 15693-1 ISO/IEC 15693-2 ISO/IEC 15693-3 ISO/IEC 18000-3 |
| Ambient conditions | |
| Ambient temperature | -25 ... 50 °C (-13 ... 122 °F) |
| Storage temperature | -25 ... 50 °C (-13 ... 122 °F) |
| Mechanical specifications | |
| Housing length | 85.6 mm |
| Housing width | 54 mm |
| Housing height | 0.8 mm |
| Degree of protection | IP68 |
| Material | |
| Housing | PVC |
| Installation | |
| In air | yes |
| Mass | 6 g |
| Construction type | Card |
| Note | Packaging unit, 10-piece |

Application

The transponder can be read and written from either side.