

# RFID Transponder

## IQC22-C1 10pcs

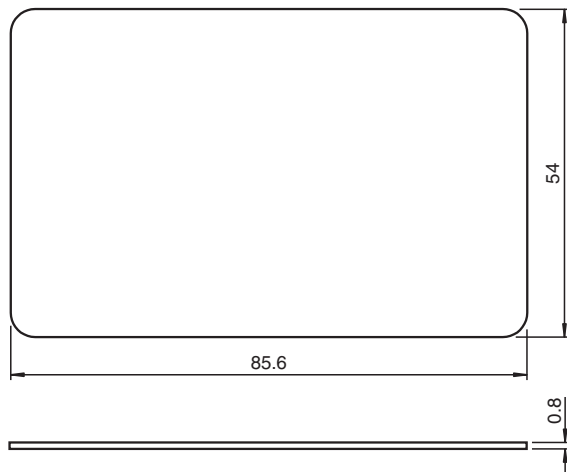


- Operating frequency 13.56 MHz
- Conforms to ISO 15693
- 64 bit Fixcode
- 2 kBit memory available
- Readable and writable from both sides
- Degree of protection IP68
- ISO credit card format

Data carrier



### Dimensions



### Technical Data

| General specifications      |  |                                      |
|-----------------------------|--|--------------------------------------|
| Operating frequency         |  | 13.56 MHz                            |
| Transfer rate               |  | 26 kBit/s                            |
| Memory                      |  |                                      |
| Chip Type                   |  | Tag-it HF-I Plus (Texas Instruments) |
| EEPROM                      |  | 2 kBit                               |
| UID                         |  | 64 Bit                               |
| Memory organization         |  | 4 bytes/block                        |
| Read cycles                 |  | unlimited                            |
| Write cycles                |  | > 100000                             |
| Data retention period       |  | 10 years                             |
| Directive conformity        |  |                                      |
| Radio equipment             |  |                                      |
| Directive 2014/53/EU        |  | EN 300330                            |
| RoHS                        |  |                                      |
| Directive 2011/65/EU (RoHS) |  | IEC/EN 63000                         |
| Standard conformity         |  |                                      |

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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<br>ISO/IEC 15693-2<br>ISO/IEC 15693-3<br>ISO/IEC 18000-3 |
| <b>Ambient conditions</b>        |                                                                          |
| Ambient temperature              | -25 ... 50 °C (-13 ... 122 °F)                                           |
| Storage temperature              | -25 ... 50 °C (-13 ... 122 °F)                                           |
| <b>Mechanical specifications</b> |                                                                          |
| Degree of protection             | IP68                                                                     |
| Material                         |                                                                          |
| Housing                          | PVC                                                                      |
| Installation                     |                                                                          |
| In air                           | yes                                                                      |
| Mass                             | 6 g                                                                      |
| <b>Dimensions</b>                |                                                                          |
| Height                           | 0.8 mm                                                                   |
| Width                            | 54 mm                                                                    |
| Length                           | 85.6 mm                                                                  |
| Construction type                | Card                                                                     |
| Note                             | Packaging unit, 10-piece                                                 |

## Application

The transponder can be read and written from either side.