



# PRODUCT DATASHEET

## my-d SRF55V10P

### ISO 15693

**PAV Card**

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<b>Chip manufacturer:</b>	Infineon
<b>Product:</b>	<b>my-d SRF55V10P</b>
<b>Memory:</b>	
<b>EEPROM size:</b>	1280 bytes (1024 bytes storage)
<b>Write endurance:</b>	100,000 cycles
<b>Data retention:</b>	10 years
<b>Organisation:</b>	128 pages (8 bytes storage + 2 bytes admin.)

#### RF-Interface:

<b>According:</b>	<b>ISO 15693</b>
<b>Frequency:</b>	13.56 MHz
<b>Baudrate:</b>	up to 26.5 kbit/s
<b>Anticollision:</b>	yes
<b>Operating Distance:</b>	up to 150 cm
<b>Please note:</b>	Max. reading range depends on used RF standard, the requirements of national spectrum management authorities, reader application, antenna, transponder and

#### Security:

- Unique serial number
- individual page locking

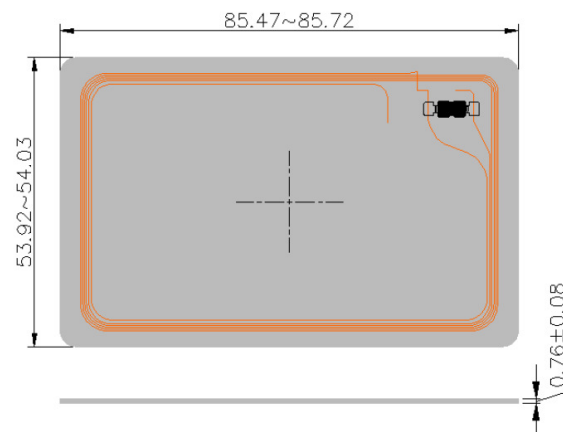
#### Special Features:

- Smart Electronic Article Surveillance (EAS)
- Easy Integration in existing infrastructure
- On/Off EAS switch feature
- EEPROM updating (erase and program) time maximum 4 ms per page
- Counter: Up to 65,536 units, support of anti-tearing
- ESD protection typical 4 kV

**subject to change without notice, errors excepted**

Contactless cards in standard ISO format.

Produced according ISO 7810 / ISO 7816 - with advanced antenna and assembly technologies.



This picture shows a MCC2 module and its copper wire antenna. The contacting is realized by thermo compression-welding.

PVC is the standard material for contactless cards. Generally we can produce cards with other materials like PET, PEC, PC or composite. These alternative materials are on request.

We provide PVC cards with glossy or matt surface. The glossy surface allows the customer to personalise the cards by printing.

Additionally a microcontroller (contact chip) and/or magnetic strip (HiCo, LoCo) can be used for multiusage cards.

#### Additional Services:

##### Security:

- hologram
- signature panel
- magnetic stripe (incl. encoding)
- barcode
- UV printing

##### Chip encoding:

- encoding of contactless chip

##### Personalisation:

- thermo transfer / dye sublimation
- laser lettering
- embossing
- digital printing

##### Printing technologies:

- (UV-)offset printing
- silk-screen printing
- digital printing

##### Thermo rewrite function:

- thermo rewrite foil (optional one side covered or as stripe)