PRODUCT DATASHEET

my-d SRF55V02P

ISO 15693

PAV Card
Hamburger Strasse 6
22952 Luetjensee (Germany)
e-Mail: info@pavcard.de
Internet: www.pavcard.de

Chip manufacturer: Infineon

Product: **my-d SRF55V02P**

Memory:

EEPROM size:	320 bytes (256 bytes storage)
Write endurance:	100,000 cycles
Data retention:	10 years
Organisation:	32 pages (8 bytes storage + 2 bytes admin.)

RF-Interface:

According:	**ISO 15693**
Frequency:	13.56 MHz
Baudrate:	up to 26.5 kbit/s
Anticollision:	yes
Operating Distance:	up to 150 cm

Please note: Max. reading range depends on used RF standard, the requirements of national spectrum management authorities, reader application, antenna, transponder and

Security:

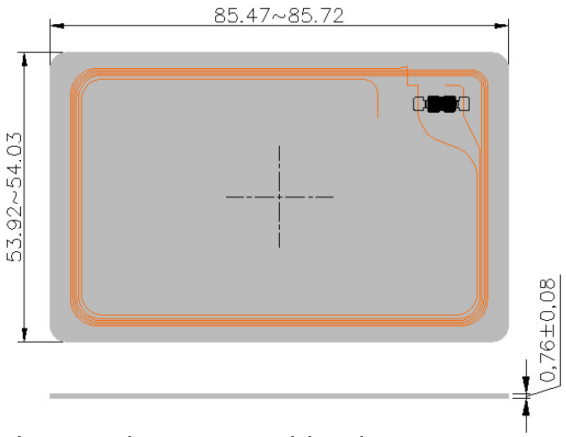
- Unique serial number
- individual page locking

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

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)