

Contactless chipcard 125 Khz. read only. Model EM H4102

PVC both sides laminated card. Size: ISO standard: 85,7 x 54 mm. Thickness: less than 0,9 mm.
Chip: EM4102 read only.

Chip characteristics:

- Data transfer: contactless.
- Frequency: 125 Khz.
- Read transfer speed: 20 us.
- Write transfer speed: read only.
- Transaction time: aprox. 150 ms.
- Read / write distance: up to 300 mm.
- Total memory capacity: 64 bytes x 8 bit EEPROM.



Security features:

- Parity.
- Simply a card for read identification.

Contactless chipcard 125 Khz. read & write. Model Temic E5551A

PVC both sides laminated card. Size: ISO standard: 85,7 x 54 mm. Thickness: less than 0,9 mm. Chip read/write Temic E5551A.

Chip characteristics:

- Data transfer: contactless.
- Frequency: 125 Khz.
- Read transfer speed: Configurable (8 steps; RF/8 to RF 128)
- Write transfer speed: ~ 2Kbits (plus width modulation).
- Read distance: typically 100 mm (reader dependent)
- Data integrity and multi-card handling in one field: OTP using lock bits, password mode; no anti-collision.
- Total memory capacity: 264 bits (8 blocks each 33 bits)
- System memory: 32 bit (configuration of modulation / coding, bit rate...)
- User memory: 224 bit (including 32 bit password)
- Chip service life: >100.000 programming cycles



Security features:

Memory protection through password or lock bit.

OTP using lock bits, password mode, no anti-collision.

Can be used for ISO 1178 4 / 1178 5 FDX-B operation.