

White contactless cards







LUX-IDent s.r.o. – headquarters (production, sales, R & D) Tovární 368, 563 01 Lanškroun, Czech Republic Tel.: +420 465 352 500

e-mail: info@lux-ident.com www.lux-ident.com LUX-IDent Germany GmbH – branch office (sales, R & D) Rudolf-Diesel-Ring 21, 82054 Sauerlach, Germany Tel.: +49 8104 805 502 e-mail: smart-inlays@lux-ident.com

www.lux-ident.com









A range of applications.

Contactless cards come in the standard ISO format.

Most of them are made of white PVC with a glossy surface, which allows the client to customize the cards through printing. A magnetic strip [HiCo, LoCo] can be added for multiusage cards.

Our contactless cards are available with an exceptionally wide variety of chips and each chip is optimized for ultimate readability. LUX-IDent also offers combi chip cards with two chips on one card. Different combinations in low and high frequency are possible.

FEATURES

- Standard format ISO 7810, 7816
- Clamshell format also possible
- Matt or glossy surfaces
- With or without magnetic strip
- Operating temperature: -20 °C to 50 °C



The pictures demonstrate different options how to position one or two contactless technologies in one card.

The drawing shows one of many antenna

sizes / formats and chip positioning.

AVAILABLE CHIP TECHNOLOGIES

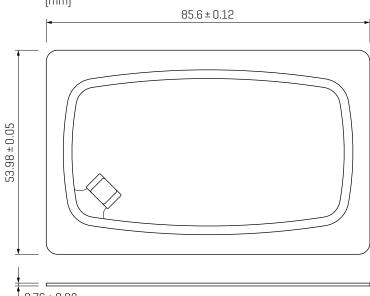
Manufacturer Chip type

frequency	Gp 4,450
EM Microelectronic	
LF 125/134.2 kHz	EM4102, EM4200, EM4450
NXP	
LF 125/134.2 kHz	Hitag® 1, Hitag® 2, Hitag® S 256bit, Hitag® S 2048bit
HF 13.56 MHz	MIFARE Ultralight® C, MIFARE Ultralight® EV1, MIFARE Classic® 1K EV1, MIFARE Classic® 4K EV1, MIFARE® DESFire® 256B EV1, MIFARE® DESFire® 2K EV1/EV2,MIFARE® DESFire® 4K EV1/EV2, MIFARE® DESFire® 8K EV1/EV2, MIFARE Plus® SE, MIFARE Plus® EV1 2K, MIFARE Plus® EV1 4K I-Code® SLIX NTAG213, NTAG215, NTAG216 SmartMX (JCOP)
Infineon	
HF 13.56 MHz	NRG SLE66R35 1K
Microchip – Atmel	
LF 125/134.2 kHz	ATA5577, Q5
LEGIC®	
HF 13.56 MHz	Prime: MIM256, MIM1024 Advant: ATC256-MV410, ATC1024-MV110, ATC1024-MV010, ATC4096-MP311 CTC 4096-MP410, CTC 4096-MM410

Other ICs are available upon request.

DIMENSIONS

[mm]



 0.76 ± 0.08

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