

KEY-TAG

DF 19.xx.700

**13.56 MHz key label transponder,
64bit read only,
2kbit or 16kbit EEPROM read write,**

This key label is available with different chip types. The packaging is especially designed for demanding optical and RF identifications.

Many different high quality printing options are available.

microsensys offers an attractive component platform for closed coupling RFID solutions.



Technology:

RFID system iID[®] 2000
closed coupling, 13.56 MHz, based on ISO 15693 or ISO 14443

Memory:

EEPROM, endurance >100.000 cycles, data retention >10 years
ID-No and user OTP possible

Carrier Frequency:

13.56 MHz

Communication Distance:

0 ... 20 mm dependent on reader antenna and metal environment

Type :

	19.03.251	19.32.251	19.53.251	
System:	ISO 14443	ISO 15693	ISO 15693-2	
Chip Type:	iID-D	iID-M	iID-G	
Communication Rate:	106	26.4	26.4	kbps
Memory Capacity:	16,000	2,000	16,000	bit
Operating Distance:	5	10	8	mm

System:

ISO 14443

ISO 15693

ISO 15693-2

Chip Type:

iID-D

iID-M

iID-G

Communication Rate:

106

26.4

26.4

kbps

Memory Capacity:

16,000

2,000

16,000

bit

Operating Distance:

5

10

8

mm

with K3 PEN reader antenna, low power mode

Dimensions:

CARD 50 x 25 mm², TH 0.8 mm
maximum thickness TH 1.5 mm
hole diameter D 4 mm

Material:

CARD: PVC
CHIP: epoxy and mixed ferrite epoxy

Options:

- **offset printing and lamination**
one or four colour print on front and/or back side
- laser printing on front side
- signature stripe on back side
- single self adhesive, deliverable on A4 paper

Operating Temperature:

-10°C ... +45°C

Storage Temperature:

-10°C ... +60°C

Appropriate RFID Reader:

PEN reader

with RS232TTL, USB or Bluetooth interface,
for PDA with Compact Flash Card interface

UNI13-Q40

13.56 MHz read write module with K3 or M12 antennae
for microsensys OEM partner only

HOST Command Set: see actual API documentation of microsensys iID driver engine or data sheets of silicon chip manufacturer