LABEL D11

HF-RFID transponder, label packaging

- passive RFID communication 13.56 MHz
- round label, diameter 10.7 mm
- self adhesive back side, white PP30 cover
- designed for simple part tagging
- building on reel

These transponder device is an integral part of microsensys iID® system solutions.
This TAG operates with microsensys standard RFID reader components and high sensitive demodulators.

RFID Technology:
closed coupling RFID system iID®2000, ISO 15693

Chip Type:
I-Code SLI-types others on request

carrier Frequency: 13.56 MHz

Communication Rate:
down link approximately 26.4 kbps

Communication Distance:
0 ... 30 mm

dependent on reader antenna and chip type

Memory:
EEPROM

endurance >100.000 cycles, data retention > 10/60 years

Memory Capacity:
1kbit, 2kbit available

see data sheet of chip manufacturer

Special Functionality:
see data sheet of chip manufacturer

Operating Temperature:
-25°C ... +65°C

Ambient Storage Conditions:
1 year at 10 to 25°C, max. 60% relative humidity
max. 250 cycles -30°C to 85°C

Dimensions:
diameter 10.7 mm, TH max. 0.5 mm,

Packaging Material:
PET carrier with adhesive, white PP30 cover

Mounting Instructions:
self adhesive on clean planar surface

no direct using on metal

Marking:
no marking

optional: laser printing or tampon print

Appropriate RFID Reader:
PENN mini with RS232TTL or USB interface,
PENN solid with Bluetooth interface,
POCKET reader with Bluetooth interface, especially for mobile data capture
HEAD reader with RS232TTL, RS485, USB for industrial application
UNI13, UNI10 13.56 MHz read write module, for microsensys OEM partner only

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

Software:
different software for Windows PC or mobile devices available, for application software please ask at info@microsensys.de

Type :
12.45.631 12.46.631* 12.44.620**

Chip Type:
SLIX SLIX-S SLI-S

Memory:
896 2k/1.6k user 2k

Communication Distance:
25 / 15 20/12 20 / 12

mm

This is data sheet is subject to change
Contact us for latest information