



Product characteristics

ID tag

Ø 30 x 2.8 mm

Electrical data

operating frequency [MHz]

13.56

Environment

Ambient temperature [°C]

-25...85

Storage temperature [°C]

-40...90

Peak temperature [°C]

140

Protection

IP 68

Tests / approvals

Shock resistance

DIN IEC 68-2-27:

40 g (18 ms)

Vibration resistance

DIN IEC 68-2-6:

10 g (10...2000 Hz)

Mechanical data

Housing materials

PA 6 black

Weight [kg]

0.004

Remarks

Remarks

food-grade  
test duration peak temperature: 1 x 100 h, storage temperature: 1 x 1000 h  
test condition shocks: 6 axes 2000 shocks each, vibration: 3 axes 2.5 h each

Pack quantity [piece]

1

Other data

standard

ISO 15693

Memory type

FRAM

Read/write cycles

for an unlimited period / for an unlimited period

Memory [Bit]

16000

Number of the blocks

250

Block size [bytes]

8

Unique Identification Number (UID)

[bytes]

8

**Read/write distance [mm]**

	Positioning of the ID tags	Reading	Writing
ANT513	front side	55	55

All indications apply to static read/write operations.

If not otherwise stated they refer to ID tag installation in a non-metallic environment.