



1) Sensing surface, 2) Clear zone, 3) see corresponding R/W head



## Basic features

|                               |   |
|-------------------------------|---|
| <b>Antenna type</b>           | Dipole                                    |
| <b>Approval/Conformity</b>    | CE<br>WEEE<br>EAC                         |
| <b>Principle of operation</b> | Data carrier                              |
| <b>Standards</b>              | EPCglobal™ Class 1, Gen 2<br>ISO 18000-6C |

## Electrical data

|                                  |                      |
|----------------------------------|----------------------|
| <b>Data retention time/years</b> | ≥ 50                 |
| <b>Polarization</b>              | linear               |
| <b>Preferred application</b>     | 860...960 MHz        |
| <b>Programming cycles</b>        | up to 55 °C: 100,000 |
| <b>Read cycles</b>               | Unlimited            |
| <b>Working frequency</b>         | 860...960 MHz        |

## Environmental conditions

|                            |                |
|----------------------------|----------------|
| <b>Ambient temperature</b> | -40 °C...85 °C |
| <b>Storage temperature</b> | -40...85 °C    |

## Functional Characteristics

|                               |         |
|-------------------------------|---------|
| <b>EPC memory, read/write</b> | 128 Bit |
| <b>Memory type</b>            | EEPROM  |
| <b>TID memory, read-only</b>  | 96 Bit  |
| <b>User data, read/write</b>  | 512 Bit |

## Material

|                         |       |
|-------------------------|-------|
| <b>Housing material</b> | Paper |
|-------------------------|-------|

## Mechanical data

|                           |                         |
|---------------------------|-------------------------|
| <b>Application weight</b> | 0.50 g                  |
| <b>Dimension</b>          | 27 × 97 mm              |
| <b>Installation</b>       | metal-free (clear zone) |

## Remarks

Self-adhesive label Provided on roll Storage and processing instructions: refer to Document No. 888603

For installation in metal: Observe clear zone.

Values are under rated conditions unless otherwise specified.

Defective labels are marked with a rectangular or dot-shaped black mark. The marking is applied to the label, not to the liner!