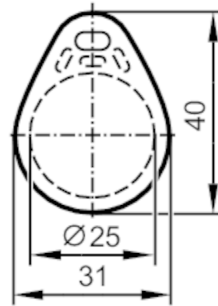




## RFID tag

ID-TAG/Tear Shape/06



## Application

|                                     |                                                   |  |
|-------------------------------------|---------------------------------------------------|--|
| Application                         | Coding of workpiece carriers in routing conveyors |  |
| Operating temperature (active) [°C] | -25...55                                          |  |
| Peak temperature (passive) [°C]     | 75                                                |  |

## Electrical data

|                                           |            |  |
|-------------------------------------------|------------|--|
| Operating frequency [MHz]                 | 13,56      |  |
| Memory size [bit]                         | 896        |  |
| Memory type                               | EEPROM     |  |
| Chip type                                 | ICODE SLIX |  |
| Number of the blocks                      | 28         |  |
| Block size [Byte]                         | 4          |  |
| Unique Identification Number (UID) [Byte] | 8          |  |
| RFID standard                             | ISO 15693  |  |
| Max. read cycles                          | unlimited  |  |
| Max. write cycles                         | 100000     |  |

## Operating conditions

|                          |          |  |
|--------------------------|----------|--|
| Ambient temperature [°C] | -25...55 |  |
| Storage temperature [°C] | -25...75 |  |
| Protection               | IP 66    |  |

## 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 |
| Radio approval       | ISO 15693       |                   |

## Mechanical data

|                  |                                                      |  |
|------------------|------------------------------------------------------|--|
| Weight [g]       | 21.6                                                 |  |
| Type of mounting | installation on non-metal materials; (fixing eyelet) |  |
| Dimensions [mm]  | 40 x 31 x 4.8                                        |  |
| Material         | ABS                                                  |  |

## Remarks

|               |        |  |
|---------------|--------|--|
| Pack quantity | 5 pcs. |  |
|---------------|--------|--|

# E80387



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### Other data

#### Reading distance when mounted on non-metal (mm)

|                                            |    |
|--------------------------------------------|----|
| ANT410 / DTI410                            | 10 |
| ANT411 / DTI411                            | 20 |
| ANT420 / DTI420 / DTM424 / DTI424 / DTM426 | 15 |
| ANT421 / DTI421 / DTM425 / DTI425 / DTM427 | 40 |
| ANT430 / DTI430 / DTM434 / DTI434 / DTM436 | 30 |
| ANT431 / DTI431 / DTM435 / DTI435 / DTM437 | 45 |
| ANT513 / DTI513 / DTC510                   | 60 |
| ANT515 / DTI515 / ANT516 / DTI516          | 30 |
| ANT600 / DTI600                            | 80 |