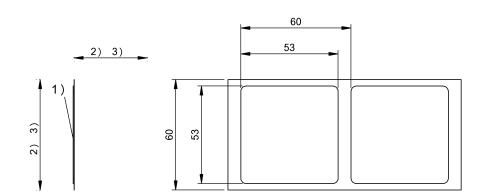
# BIS U-156-M0/CAA Order Code: BIS0169





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



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Antenna type

Approval/Conformity

CE

WEEE

EAC

Principle of operation

Standards

Data carrier

Standards

EPCglobal™ Class 1, Gen 2

ISO 18000-6C

#### **Electrical data**

 Data retention time/years
 ≥ 50

 Polarization
 linear

 Preferred application
 860...960 MHz

 Programming cycles
 up to 55 °C: 100,000

 Read cycles
 Unlimited

 Working frequency
 860...960 MHz

#### **Environmental conditions**

 $\begin{array}{lll} \mbox{Ambient temperature} & -40 \ \mbox{°C}...85 \ \mbox{°C} \\ \mbox{Storage temperature} & -40...85 \ \mbox{°C} \\ \end{array}$ 

## **Functional Characteristics**

EPC memory, read/write 128 Bit
Memory type EEPROM
TID memory, read-only 96 Bit
User data, read/write 32 Bit

### Material

Housing material Paper

# Mechanical data

# 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!