UHF (860…960 MHz)
BIS U-105-A0/C0M
Ordercode: BIS016R

Electrical data

Data retention time/years ≥ 50
Polarization linear
Preferred application 866…868 MHz
Programming cycles up to 25 °C: 100,000
Read cycles Unlimited
Working frequency 866…868 MHz

Environmental conditions

Ambient temperature -20…85 °C
EN 60068-2-27, Shock MIL STD 810-F
Protection degree IP68
Storage temperature -20…85 °C

Functional Characteristics

EPC memory, writeable 96 Bit
TID memory, read only 64 Bit
User memory type EEPROM

User memory, writeable 512 Bit

General data

Approval/Conformity CE RoHS
Standards EPCglobal™ Class 1, Gen 2 ISO 18000-6C

Material

Housing material Oxide ceramics

Mechanical data

Application weight 1.60 g
Dimension 7.1 x 3.1 x 13.1 mm

Remarks

Values are under rated conditions unless otherwise specified.
For application on metal

1) Sensing surface