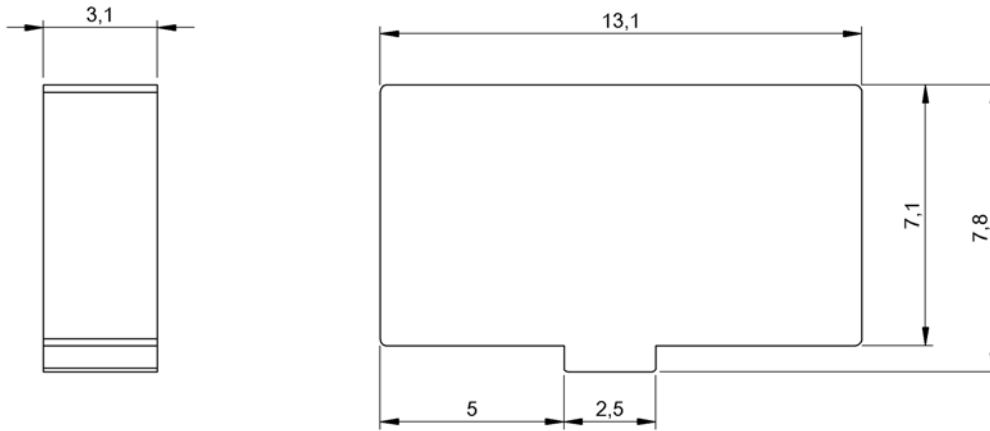


UHF (860...960 MHz)
 BIS U-105-A0/C0M
 Ordercode: BIS016R



1) Sensing surface



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
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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