



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



Basic features

Antenna type	Dipole
Approval/Conformity	CE WEEE
Principle of operation	Transponder
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

Ambient temperature	-25...50 °C
IP rating	IP68
Storage temperature	-25...50 °C

Functional Characteristics

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

Material

Housing material	PVC
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Mechanical data

Application weight	3.00 g
Dimension	54 x 0.84 x 85.7 mm
Installation	metal-free (clear zone)

Remarks

Values are under rated conditions unless otherwise specified.
 For installation in metal: Observe clear zone.