



1) Sensing surface, 2) Tightening torque



Basic features

Antenna type	Dipole
Approval/Conformity	CE UKCA WEEE
Principle of operation	Data carrier
Standards	EPCglobal™ Class 1, Gen 2 ISO 18000-6C

Electrical data

Data retention time/years	≥ 50
Polarization	linear
Preferred application	860...940 MHz
Programming cycles	up to 55 °C: 100,000
Read cycles	Unlimited
Working frequency	860...940 MHz

Environmental conditions

Ambient temperature	-40...85 °C
EN 60068-2-27, Shock	MIL STD 810-F
EN 60068-2-6, Vibration	MIL STD 810-G
IP rating	IP68
Storage temperature	-40...85 °C

Functional Characteristics

EPC memory, read/write	128 Bit
Memory type	EEPROM
TID memory, read-only	96 Bit
User data, read/write	0 Bit

Material

Housing material	ABS
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Mechanical data

Application weight	12.5 g
Dimension	15 x 12.5 x 80 mm
Installation	on metal

Remarks

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