



Product characteristics

ID tag	
Ø 30 x 2.5 mm	
Electrical data	
operating frequency [MHz]	13.56
Environment	
Ambient temperature [°C]	-25...85
Storage temperature [°C]	-40...90
Peak temperature [°C]	130
Protection	IP 68
Tests / approvals	
Shock resistance	DIN IEC 68-2-27: 40 g (18 ms)
Vibration resistance	DIN IEC 68-2-6: 10 g (10...2000 Hz)
Mechanical data	
Housing materials	PA 6 black
Weight [kg]	0.004
Remarks	
Remarks	test duration peak temperature: 1 x 100 h, storage temperature: 1 x 1000 h test condition shocks: 6 axes 2000 shocks each, vibration: 3 axes 2.5 h each
Pack quantity [piece]	1
Other data	
standard	ISO 15693
Read/write cycles	for an unlimited period / 100000
Memory [Bit]	896
Number of the blocks	28
Block size [bytes]	4
Unique Identification Number (UID) [bytes]	8

**Read/write distance [mm]**

	Positioning of the ID tags	Reading	Writing
ANT513	front side	60	60

All indications apply to static read/write operations.

If not otherwise stated they refer to ID tag installation in a non-metallic environment.