


Product-type designation		MDS D165 label
		HF LABEL MDS D165 FOR RF200/ RF300 ISO/ MOBY D PET LABEL, ADHESIVE ISO 15693 CHIP TYPE, NXP ICODE SLI, 112 BYTE USER MEMORY; 86 X 54 X 0.3MM (LXDXH); -25 UP TO +85 DGR; MINIMAL ORDER QUANTITY 1000 PCS
		Suitability for installation RF200, RF300, MOBY D
Wireless frequencies		
Operating frequency / rated value		13.56 MHz
Electrical data		
Range		
<ul style="list-style-type: none"> <li>• maximum</li> </ul>		500 mm
Protocol / for radio transmission		ISO 15693
Transfer rate / with radio transmission / maximum		26.5 kbit/s
Product property / multitag-capable		Yes
Product component / Buffer battery		No
Memory		
Type of memory		EEPROM
Memory capacity / of user memory		112 byte
Type of memory organization		UID (fixed code) 8 bytes, user memory 112 bytes, configuration memory 8 bytes
Number of read cycles / at ambient temperature < 40 °C / maximum		1000000000000000
Number of write cycles / at ambient temperature < 40 °C / maximum		1000000
Data retention time / at ambient temperature < 40°C / at least		10 a
Property of memory		Block-by-block write protection of the user memory
Mechanical data		

Material	Top side + inlay: PET, antenna aluminum
Color	white
Mounting distance / for metal surfaces / recommended / minimum	25 mm
<b>Permitted ambient conditions</b>	
Ambient temperature	
• during read/write access	-25 ... +85 °C
• outside the read/write area	-25 ... +85 °C
• during storage	20 30 °C
Protection class IP	IP65
Mechanical stress resistance	Maximum storage period: 2 years (determined by durability of the adhesive)
<b>Design, dimensions and weight</b>	
Width	54 mm
Height	0.3 mm
Depth	86 mm
Net weight	1 g
<b>Product properties, functions, components / general</b>	
Product property / printable	Yes
Printing process	Thermal transfer process
<b>letzte Änderung:</b>	Jul 21, 2014