

D5-TAG

DM 10.11.550

DM 10.53.550

13.56 MHz transponder, 64 read only or 16kbit EEPROM read write, for using on metal and under harsh environment conditions

This special transponder package is available with different chip types based on microsensys patented mic3 technology. The packaging is especially designed for using on metal.

This TAG is very useful for tool management, original part tagging or maintenance applications.

microsensys offers an attractive component platform for closed coupling RFID solutions.



Technology: RFID system iID[®] 2000 closed coupling, 13.56 MHz, based on ISO 15693

Memory: 64 bit read only, laser programmed ROM or EEPROM, endurance >100.000 cycles, data retention >10 years

Communication Distance: 0 ... 4 mm dependent on reader antenna and metal environment

Type :	11.550	53.550	
Standard:	without	ISO 15693-2	
Chip Type:	iID-N	iID-G	
Communication Rate:	26.4	26.4	kbps
Memory Capacity:	64	16,000	bit
Storage Temperature:	-45 ... +180	-45 ... +150	°C
Operating Distance:	1.5	2.0	mm
with K3 PEN reader antenna, on metal, low power mode			

Dimensions: D 5 mm, TH 1.7 mm half lens form

Casing Material: epoxy, inlet mixed ferrite epoxy

Mounting Instructions: using on metal possible, plane side on metal
recommended glue: 2K-EP "plus endfest 300" UHU GmbH Germany

Operating Temperature: -25°C ... +65°C
Storage Temperature: -45°C ... +150°C / +180°C

Appropriate RFID Reader: PEN reader with RS232TTL, USB or Bluetooth interface, for PDA with Compact Flash Card interface

HOST Command Set: see actual API documentation of microsensys iID driver engine