



## MAXDURA® MINI

Small Size, Excellent Performance on Metal Surfaces

SMARTRAC MAXDURA® MINI is the right choice for applications where the size of the transponder is decisive. With its small diameter and a thickness of ca 1 millimeter, the tag can be easily integrated into OEM equipment such as medical devices to enable maintenance and warranty follow up, or into high-value assets to prove genuineness.

MAXDURA MINI are ideal for integration into client specific applications. The tags are manufactured by epoxy encapsulation which is suited for the production of very small tags and offers reliable protection from moisture and other outside interference.

The MAXDURA MINI with its tiny size has been specifically developed for direct use of RFID technology on metallic surfaces. The excellent reading performance of the 6 mm tag is achieved by means of an integrated absorber foil.

### Overview

**Operating Frequency**  
13.56 MHz

**Integrated Circuit (IC)**  
NXP ICODE SLIX

**Tag Size**  
Ø 6 mm (0.24 in)

### International Standards

- ▶ ISO 15693
- ▶ ISO 18000-3
- ▶ IP67

### Application Areas

- ▶ Healthcare
- ▶ Industrial applications
- ▶ Pallet identification
- ▶ Warehouse management

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Technical Features	Sales Code 3003035
IC	NXP ICODE SLIX
Memory	1k bit
Frequency	13.56 MHz
Operating Temperature	0 to 50°C / 32 to 122°F
Storage Temperature	-20°C to 90°C / -4°F to 194°F (max 168h)
Tag Size	Ø 6 mm / 0.24"
Thickness	1.05 mm / 0.04"
Qty/Package	1,000 tags / box
Material	Epoxy resin
Color	Black
IP Class	IP67
Shelf Life	+20 °C, 50 % RH / 68 °F, 50 % RH - minimum 2 years from the date of manufacturing

Additional memory, protocol and product configurations are available upon request.

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