SMARTRAC
connect things

MINIBLOCK

Smallest Tag with Great Performance

SMARTRAC MINIBLOCK inlays and tags featuring NXP ICODE SLIX and SLIX2 ICs are the smallest square shaped top performers designed for package and item level applications.

MINIBLOCK equipped with NXP ICODE SLIX provides 896 bits of user memory, while NXP ICODE SLIX2 boasts an extended user memory of 2,528 bits. With its tiny size it provides excellent performance for small item level tagging and less material detuning.

SMARTRAC's inlays and tags are compliant with ISO 9001:2015 Quality Management and ISO 14001:2015 Environmental Management. This ensures a reliable and state-of-the-art product that meets a variety of application needs, where high performance is a critical parameter.

Overview

Operating Frequency
13.56 MHz

Integrated Circuit (IC)
NXP ICODE SLIX & SLIX2

Antenna & Die-cut Size
14.5 × 14.5 mm / 0.57 × 0.57 "
18.0 × 18.0 mm / 0.71 × 0.71 "

International Standards

- ISO 15693
- ISO 18000-3 Mode 1
- NFC Forum Type 5

Application Areas

- Healthcare
- Product authentication
- Brand protection

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Technical Features			
IC + Memory	**Size**	**Format**	**Sales Code**
NXP ICODE SLIX 896 bit	14.5 × 14.5 mm / 0.57 × 0.57 in 18.0 × 18.0 mm / 0.71 × 0.71 in 18.0 × 18.0 mm / 0.71 × 0.71 in	dry wet paper-tag	3002974 3002129 3002130
NXP ICODE SLIX2 2,528 bit	18.0 × 18.0 mm / 0.71 × 0.71 in	wet	3005860
Operating Temperature	-40°C to 85°C / -40°F to 185°F		
Bending Diameter (D)	> 50 mm, tension max. 10 N		
Adhesive	Permanent pressure sensitive adhesive; usage temperature: min. -10°C to 90°C / min. 14°F to 194°F		
Shelf Life	+20 °C, 50 % RH / 68 °F, 50 % RH - minimum 2 years from the date of manufacturing		

SMARTRAC TECHNOLOGY GROUP uses three different qualification methods to evaluate the quality and reliability of RFID inlay and tag products. Products are tested according to IEC 60068-2-67 (temperature and humidity), JESD22-A104-B (temperature cycling) and an in-house developed bending test. All the graphs are indicative: performance in real life applications may vary.

SMARTRAC HALOGEN-FREE environment-friendly

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05/2017 EN I&T 0065