SMARTRAC ((•))

RACETRACK LITE

Credit card sized all-around product for different applications.

Overview

Operating Frequency
13.56 MHz

Integrated Circuit (IC)
NXP ICode SLIX

Antenna Size
45 x 76 mm (1.77 x 2.99 in)

Die-cut Size
49 x 81 mm (1.93 x 3.19 in)

International Standards
ISO 15693
ISO 18000-3 Mode 1

Quality Assurance
100% performance tested

Application Areas

▸ Library and Media Management
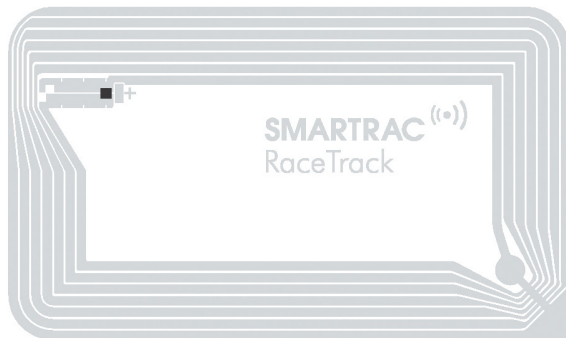
RaceTrack tags and inlays are credit card sized top performing products suitable for wide range of end use applications.

Benefits:

▸ Credit card sized all-around product for library and media management.

▸ Excellent performance in all printed media products and applications including self check with stack reading capability and EAS.

▸ Best-in-class read range for EAS gates and less material detuning with printed media products.

▸ SMARTRAC book lifetime library warranty.

▸ ISO 9001:2008 Quality Management System and ISO 14001:2004 Environment Management System support.

Technical Features	
IC	NXP ICode SLIX
Memory	1k bit
Frequency	13.56 MHz
Antenna Size	45 x 76 mm / 1.77 x 2.99"
Die-cut Size	49 x 81 mm / 1.93 x 3.19"
Web Width	53 mm / 2.09"
Operating Temperature	-40°C to 85°C / -40°F to 185°F
Bending Diameter (D)	> 50 mm, tension max. 10 N
Delivery Formats	Tag
Adhesive	Acrylic, water borne adhesive
Adhesive Usage Temperature	min. -40°C to 150°C / min. -40°F to 302°F
Qty/Reel	1,500 per reel
Core Size	76 mm / 3"
Shelf Life: minimum of 2 years from the date of manufacture in	20°C / 68°F, 50% RH

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.

Read range
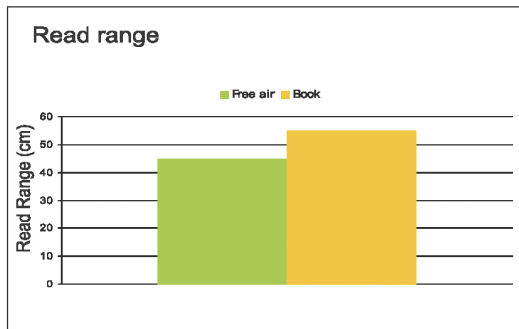
All the graphs are indicative: performance in real life applications may vary.

RoHS CE