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GA

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GA/T 451-2020

Replacing GA 451-2003

Technical specifications for card body of Resident Identity Card

居民身份证卡体技术规范

(English Translation)

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Table of Contents

Preface
1 Scope
2 Normative references
3 Term
4 Technical requirements
4.1 Composition
4.2 Dimensions
4.3 Appearance
4.4 Initialization
4.5 Peel strength
4.6 Mechanical strength
4.7 Ultraviolet
4.8 X-ray
4.9 Alternating magnetic field
4.10 Alternating electric field
4.11 Static electricity
4.12 Static magnetic field
5 Inspection method
5.1 Sample
5.2 Card body size
5.3 Card body appearance
5.4 Alignment of front and back public information layers
5.5 Initialization
5.6 Peel strength
5.7 Mechanical strength
5.8 Ultraviolet
5.9 X-ray
5.10 Alternating magnetic field
5.11 Alternating electric field
5.12 Static electricity
5.13 Static magnetic field
6 Inspection rules

- 6.1 Categories and items
- 6.2 Type inspection
- 6.3 Routine inspection
- 6.4 Factory inspection
- 7 Marking, packaging, transportation and storage
 - 7.1 Sign
 - 7.2 Packaging
 - 7.3 Transportation
 - 7.4 Storage

Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard replaces GA 451-2003 "Technical Specifications for Resident ID Card Body". Compared with GA 451-2003, the main changes are as follows.

---Revised as a recommended standard;

---Modified the version numbers of the normative reference documents GA/T 448, GA/T 449, GA/T 455 (see Chapter 2, 2003 edition chapter 2);

---Added the description of the test method judgment result (see Chapter 5, Chapter 5 of the 2003 edition).

Please note that certain contents of this document may involve patents. The issuing agency of this document is not responsible for identifying these patents.

This standard was proposed by the Public Security Administration of the Ministry of Public Security.

This standard is under the jurisdiction of the Computer and Information Processing Standardization Technical Committee of the Ministry of Public Security.

This standard was drafted. The First Research Institute of the Ministry of Public Security.

1 Scope

This standard specifies the technical requirements, inspection methods, inspection rules, signs, packaging, transportation and storage of the resident ID card body.

This standard applies to the body of a resident ID card.

2 Normative references

The following documents are indispensable for the application of this document. For dated reference documents, only the dated version applies to this article. For undated references, the latest version (including all amendments) applies to this document.

GA/T 448 General Technical Requirements for Resident ID Card GA/T 449-2013 Resident ID card terms GA/T 455 resident ID card printing requirements ISO/IEC 10373-1:1998 Identification Card Test Method Part 1: General Performance Test ISO/IEC 10373-6:2001 Identification Card Test Method Part 6: Proximity Card ISO/IEC 14443-1:2000 Identification Card Contactless Integrated Circuit Card Proximity Card Part 1: Physical Characteristics

3 Term

The following terms and definitions defined in GA/T 449-2013 apply to this document.

The piece with eight card bodies A sheet containing eight ID card bodies.

The piece with one card body A sheet containing an ID card body.

4.1 Composition

The resident ID card body is formed by hot pressing of the element layer, public information layer, physical anti-counterfeiting layer and protective layer with PETG material as the carrier.

The card body and the surface printing film are hot-pressed and punched into a resident ID card.

4.2 Dimensions

4.2.1

The dimensions of the eight card body are: width 197.0^{+0.2}_{-0.0}mm, height 254.0^{+0.2}_{-0.0}mm, thickness 0.81^{+0.05}_{-0.06}mm.

The card body of the 8-link card is divided into four numbers. No. I, No. II, No. III, No. IV, as shown in Figure 1. The position of the certificate in the card body and the position of the punching cursor See Figure 2.