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

GB/T 15935-2013

Replacing GB/T 15935-1995

Information technology -- Magnetic stripes on savings books

信息技术 存折本的磁条

(English Translation)

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Foreword

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

This standard replaces GB/T 15935-1995 "passbook magnetic stripe." this standard compared with GB/T 15935-1995, the main changes are as follows.

- Terms and definitions, criteria and test methods consistent with GB/T 15120.2;
- Reference material change from SRM3200 to RM7811-2;
- Signal amplitude requirements extended (based on GB/T 15120.2);
- Added unused passbook and passbook return this classification;
- Increased more complete reversal of the magnetic flux change spacing requirements (based on GB/T 15120.2);
- Increasing the magnetic stripe region on the surface profile and warpage requirements;
- Based on GB/T 15120.6 and RM7811-6, increasing the high coercivity magnetic stripe options.

Note: Values \u200b\u200bflux reversal signal amplitude and pitch changes from the GB/T 15120.2 and GB/T 28177.2, and based on the book in both samples test equipment Preparation of test

performance on.

This standard uses redrafted law revision using ISO/IEC 8484:2007 "passbook magnetic stripe." the Standard and ISO/IEC 8484:2007 compared, there is a small number of differences.

--- In Chapter 3, an increase of the standard GB/T 15120.2 normative references;

--- Delete the text in most of the English units, but the idiom industry, Imperial certain parts of the remains;

--- According to the current source standards and secondary standards of migration, the source standard (see 4.1) is defined as "a study by the German Technical Physics School (PTB) is established, and is currently in the United States Q-Card to save Ji Zhunka representatives RM7811-2 specified number of UR and IR Value "; the secondary standard (see 4.2) in the" note "to" secondary standard can now be ordered from the United States Q-Card, the address is. 301 ReaganStreet, Sunbury, PA17801, USA ".

Please note that some of the content of this document may involve patents. Release mechanism of the present document does not assume responsibility for the identification of these patents.

This standard by the National Information Technology Standardization Technical Committee (SAC/TC28) and focal points.

This standard was drafted. China Electronics Standardization Institute, Yunnannantian Electronic Information Industry Co., Ltd.

Introduction

Most of the standard requirements are based on the magnetic properties of GB/T 15120.2 "Identification cards - Recording technique - Part 2. Low coercivity magnetic stripe Coercive force. " Because most of the book is the use of paper-based material, some guidelines and testing methods but also from GB/T 28177.2-2011 "identification card thin flexible cards - Part 2. magnetic recording technology." Passbook magnetic stripe

1 Scope

This standard specifies the characteristics and location as defined in Chapter 4 of this book on the magnetic strip used in the exchange. By the requirements of this standard Providing compatibility with exchange system, so read this book with a magnetic stripe and can be read with identification card to be used in the exchange phase and the apparatus for encoding content.

This standard provides for the passbook magnetic stripe (including any protective coating) requirements, coding techniques and character sets. It also provides books Features of the

cover, such as hardness, minimum size, surface irregularities, roughness and cover material and the interaction between the magnetic stripe. According to people, both machine factor establishes minimum requirements.

Coercivity affect the requirements of this standard are many values, but not its own provision. The present book is exposed to the magnetic field being likely to make the recorded data is destroyed.

This standard defines the guidelines to be followed in this book. In this standard, there is no consideration of the frequency of use, if necessary, according to the Passbook experience before this test. If the product does not meet the criteria specified in this standard shall consult the parties involved in.

ISO/IEC 10373-2 defines the detection of this book in line with the provisions of this standard parametric test procedures.

This standard applies to magnetic stripe passbook with the production and acceptance.

Note: In the standard used in the International System of Units and/or imperial measuring system of value may have been converted, and thus is not exactly equal to each other. Two kinds Format may be used, but the two should not be mixed or re-converted. It was originally designed to use imperial measuring system.

2 Conformance

If this book will meet all of the requirements specified in this standard, it is in line with this standard, except as otherwise provided.

3 Normative References

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 3505 Geometrical product specifications (GPS) Surface texture Profile method - Terms, definitions and surface texture parameters (GB/T 3505-2009, ISO 4287:1997, IDT)
GB/T 15120.2 Identification cards - Recording technique - Part 2. low coercivity magnetic stripe (GB/T 15120.2-2012, ISO/IEC 7811-2:2001, MOD) 22364 paper Determination GB/T and cardboard bending stiffness (GB/T 22364-2008, ISO 2493:1992, ISO 5629. 1983, MOD) ISO/IEC 10373-2 Identification cards - Test methods - Part 2. Cards with magnetic stripes (Identificationcards-Testmeth-ods-Part 2. Cardswithmagneticstripes)

4 Terms and Definitions

The following terms and definitions apply to this document.