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

GB/T 15120.2-2012

Replacing GB/T 15120.2-1994; GB/T 15120.5-1994; GB/T 15120.4-1994

**Identification cards -- Recording technique -- Part 2: Magnetic
stripe -- Low coercivity**

识别卡 记录技术 第2部分：磁条-低矫顽力
(English Translation)

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Foreword

GB/T 15120 "Identification cards - Recording technique" is divided into the following sections.

- Part 1. letterpress;
- Part 2. low coercivity magnetic stripe;
- Part 3. Location on ID-1 type card embossed characters;
- Part 6. Magnetic stripe - High coercivity.

This section GB/T 15120 Part 2.

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

This Part replaces GB/T 15120.2-1994 "Identification cards - Recording technique - Part 2. Magnetic stripe", GB/T 15120.4-1994 "Section 4 Identification cards - Recording technique. read-only track the location of the first track and the second track" and GB/T 15120.5-1994 "knowledge Do cards - Recording technique - Part 5. read track position to the third track. " Users are encouraged to review the entire standard revisions and updates. The main changes in this revision are as follows.

- a) the requirements of GB/T 15120.4-1994 and GB/T 15120.5-1994 given already included in GB/T 15120.2 this release;
- b) The term "main criteria" to "Energy Standard";
- c) an increase of some terms and definitions;

d) an increase of some requirements.

The partial modification of the use of ISO/IEC 7811-2:2001 "Identification cards - Recording technique - Part 2. low coercivity magnetic stripe." this part of ISO/IEC 7811-2:2001 compared, there is a small number of differences.

a) Remove the foreword to international standards;

b) Delete the text in most of the imperial units for the idiom industry, Imperial certain parts of the remains;

c) According to the current source and standard two-pole standard migration, the source standard is defined as "a set of technology by the German Institute of Physics (PTB) Established and in the United States Q-Card to save Ji Zhunka representative value RM7811-2 designated UR and IR of "; the two Class standard "note" to "secondary standard can now be ordered from the United States Q-Card, address. 301ReaganStreet, Sunbury, PA17801, USA. Standard diode source will save at least until 2012 ";

d) according to ISO/IEC 10373-2 is the latest version, delete the ISO/IEC 7811-2:2001 Appendix B "signal amplitude measurement." this part of the National Information Technology Standardization Technical Committee (SAC/TC28) proposed.

This part of the jurisdiction of the China Electronics Standardization Institute.

1 Scope

This section GB/T 15120 is to describe the use of identification cards in the characteristics defined in Chapter 4, identification cards and international exchange standard series Quasi one.

This section provides the identification card low coercivity magnetic stripe (including any protective coating) features, coding techniques, coding track the location and character Character sets. According to people, both machine factor establishes minimum requirements.

Coercivity affect the provisions of this section, a number of values, but which is not provided for. The card being exposed to a magnetic field is likely to have been recorded the data is destroyed.

This section applies to cards provide guidelines to be followed. In these standards do not consider the frequency of use, if necessary, under the previous card test Trial experience. If the card does not comply with the guidelines, we shall consult the parties involved in.

ISO/IEC 10373-2 specifies the test procedures to check the card conforms to the parameters specified in this section.

Note: In this section used in metric and/or imperial measuring system of value may have been converted, but not exactly equal to each other. Two formats are Use, but the two should not be

mixed or reconversion. It was originally designed to use imperial measuring system.

2 Compliance

Compliance with this prerequisite is in line with GB/T 14916. When the identification cards that comply with all mandatory requirements specified herein to sound He said compliance with this section. If not specified otherwise, the default value.

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 14916 Identification cards - Physical characteristics (GB/T 14916-2006, ISO/IEC 7810:2003, IDT) GB/T 17554.1 Identification cards - Test methods - Part 1. General characteristics of the test (GB/T 17554.1-2006, ISO/IEC 10373-1:1998, 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

GB/T 14916 and defined by the following terms and definitions apply to this document.

Energy Standard primarystandard A technology established by the German Institute of Physics (PTB), and in the United States Q-Card to save Ji Zhunka representative RM7811-2