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

GB/T 12184.1-2022

**Information processing - Magnetic ink character recognition -
Part 1: Print specifications for E13B**

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Standardization Administration**

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foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for Standardization Work Part 1. Structure and Drafting Rules of Standardization Documents" drafted.

This document is part 1 of GB/T 12184 "Information Processing Magnetic Ink Character Recognition". GB/T 12184 has issued the following

part.

--- Part 1. Printing Specifications for E13B;

--- Part 2. Printing specifications for CMC7.

This document replaces GB/T 12184-2007 "Information Processing Magnetic Ink Character Recognition Printing Specification". and GB/T 12184-2007

In contrast, except for structural adjustments and editorial changes, the main technical changes are as follows.

- a) Changed the standard name;
- b) the chapter "Terms and Definitions" was added (see Chapter 3);
- c) changed the alignment tolerance (see 5.2.2, 4.2 of the 2007 edition);
- d) Deleted the test equipment, test procedure, calibration secondary standard with metal wire card (see 11.2, 11.3, 11.4 of the 2007 edition);
- e) Added the chapter "Floating Marks" (see Chapter 12);
- f) Added MICR paper characteristics (see Appendix C).

This document is equivalent to ISO 1004-1:2013 "Information Processing Magnetic Ink Character Recognition Part 1. Printing Specifications for E13B".

This document adds the chapter "Normative References" and the chapter "Terms and Definitions".

The following minimal editorial changes have been made to this document.

--- Added the number and title of Table 1 (see 4.1);

--- Increase the number and title of Table A.1 (see Appendix A).

Please note that some content of this document may be patented. The issuing agency of this document assumes no responsibility for identifying patents.

Introduction

Character Recognition Part 1. Printing Specifications of E13B" and GB/T 12184.2-2022 "Information Processing Magnetic Ink Character Recognition Part 2.

Printing Specifications for CMC7. This document is part 1 and part 2 of GB/T 12184 "Information Processing Magnetic Ink Character Recognition"

GB/T 12184.2-2022 is an independent parallel relationship. The E13B characters specified in this document are mainly applicable to bank bills and other

GB/T 12184.2-2022 jointly replaces GB/T 12184-2007.

Information Processing Magnetic Ink Character Recognition

Part 1. Printing Specifications for E13B

1 Scope

This document specifies the shape, size, magnetic signal of E13B characters (including ten numbers and four special symbols) printed by magnetic ink

Levels and Tolerances, which describe various known printing defects, printing considerations, and tolerances.

This document applies to the recognition of E13B magnetic ink characters.

2 Normative references

There are no normative references in this document.

3 Terms and Definitions

There are no terms and definitions that need to be defined in this document.

4.1 Identification

Standard magnetic ink characters shall consist of ten numbers and four special symbols, and shall be identified according to the requirements of Table 1.

Table 1 Identification of E13B characters

name	character	appearance
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One	1)	
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Two	(2)	
-----	-----	--

Three	(3)	
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Four	(4)	
------	-----	--

Five	(5)	
------	-----	--

Six	(6)	
-----	-----	--

Seven	(7)	
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Eight	(8)	
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Nine	(9)	
------	-----	--

zero	(0)	
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Symbol 1	(Transit)	
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Symbol 2	(Amount)	
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Symbol 3	(On-us)	
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Symbol 4	(Dash)	
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