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

JR/T 0025.6-2013

**China financial integrated circuit card specifications. Part 6:
Debit/credit application terminal specification
(English Translation)**

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Foreword

JR/T 0025 "China financial integrated circuit card specifications" is divided into the following parts.

- Part 1. Electronic purse/electronic deposit application card specification (abolished);
- Part 2. Electronic purse/electronic deposit application specification (abolished);
- Part 3. Specification on application independent ICC to terminal interface requirements;
- Part 4. Debit/credit application overview;
- Part 5. Debit/credit application card specification;
- Part 6. Debit /credit application terminal specification;
- Part 7. Debit/credit application security specifications;
- Part 8. Contactless specification independent of application;
- Part 9. Electronic purse comprehensive application guide (abolished);
- Part 10. Debit/credit card personalization guide;
- Part 11. Contactless integrated circuit card communication specification;
- Part 12. Contactless integrated circuit card payment specification

- Part 13.Low-value payment specifications based on debit/credit application;
- Part 14.Comprehensive application specification based on contactless low-value payment application;
- Part 15.Electronic cash dual-currency payment specification;
- Part 16.IC card internet terminal specification;
- Part 17.Enhanced debit/credit application security specification.

This part is part 6 of JR/T 0025.

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

China financial integrated circuit card specifications -

Part 6.Debit/credit application terminal specification

1 Scope

This part of JR/T 0025 describes the debit/credit transaction process from the perspective of the terminal, including the hardware requirements of the terminal, the processing details inside the terminal, the data elements used by the terminal, the command set supported by the terminal, and the like.

This clause is applicable to financial terminals, point-of-sale terminals and other similar terminal devices that support the debit/credit application as specified in JR/T 0025.The objective user is mainly the terminal design, manufacture, application system research, development, integration and maintenance, and other departments (units) related to the application of the financial IC card.

2 Normative references

The following files are essential to the application of this file. For the dated files, only the versions with the dates indicated are applicable to this file; for the undated files, only the latest version (including all the amendments) are applicable to this file.

GB/T 2659 Codes for the representation of names of countries and regions

(GB/T 2659-2000, ISO 3166-1.1997, EQV)

GB/T 12406 Codes for the representation of currencies and funds (GB/T 12406-2008, ISO 4217.2001.IDT)

GB/T 15150 Bank card originated messages- Interchange message specifications-Content for financial transactions (GB/T 15150-1994, ISO 8583.1987, IDT)

GB/T 16649.5 Identification card - Integrated circuit(s) cards with contacts - Part 5.National numbering system and registration procedure for application identifiers (ISO/IEC 7816-5.1994, NEQ)

GB/T 21078.1 Banking - Personal identification number management and security - Part 1.Basic principles and requirements for online PIN handling in ATM and POS systems (ISO/IEC 1564-1.2002, MOD)

JR/T 0001 Specification of point of sale (POS) terminal with magstripe card in bank

JR/T 0025.3 China financial integrated circuit card specifications - Part 3. Specification on application independent ICC to terminal interface requirements

JR/T 0025.4 China financial integrated circuit card specifications - Part 4. Debit/credit application overview

JR/T 0025.5 China financial integrated circuit card specifications - Part 5. Debit/credit application card specification

JR/T 0025.7 China financial integrated circuit card specifications - Part 7. Debit/credit application security specification

JR/T 0025.17 China financial integrated circuit card specifications - Part 17. Enhanced debit/credit application security specification

ISO/IEC 8859 (All parts) Preview information technology - 8-bit single-byte coded graphic character sets