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

GB/T 9951-2008

Replacing GB/T 9951-1988

**Information technology - Telecommunication and information exchange
between systems. 34 pin DTE/DCE interface connector mateability
dimensions and contact number assignments**

信息技术 系统间远程通信和信息交换 34插针DTE/DCE接口连接器的配合性尺寸
和接触件编号分配

(English Translation)

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Appendix A (informative) using the 34 pin connector is connected to the DTE unrealized
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Foreword

This standard is identical with the international standard ISO/IEC 2593:2000 between
"Information technology - Telecommunications and information exchange 34 pins DTE/DCE
interface connector and pin assignment with the size "(in English).

This standard replaces GB/T 9951-1988 "Data communication - 34 pin DTE/DCE interface
connector and pin assignments." this standard and GB/T 9951-1988 compared to the main
changes are as follows.

- Add technical details about connectors and associated components defined;
- Shows the connection method;
- Increase the informative Appendix A.

Appendix A of this standard is an informative annex.

This standard by the National Information Technology Standardization Technical Committee
and centralized.

This standard was drafted. China Electronics Standardization Institute, Beijing Sound Xun
Electronics Co., Ltd.

34 Pin DTE/DCE interface connector

With dimensions and contact number assignments

1 Scope

This standard specifies the interface 34-pin connector and a data terminal equipment (DTE) and data circuit-terminating equipment (DCE) between Contact number assignments, the interface is suitable for compliance with GB/T 9412 or GB/T 11599 and ITU-T Recommendation V. 10 and V. 11 equipment.

Note: according to GB/T 9412 and ITU-T Recommendation V. Between the electrical characteristics defined in 11 may have an interface designed to interoperate within a limited extent Sex. This can be achieved by the following method, which is used in accordance with, respectively, GB/T 9951 and GB/T 9950 or GB/T 9952 connected to the interface Passive adapter connector.

This standard specifies the size of the connector housing and gives the locking device (push-pull screw mechanism) and the connector shield proposal.

2 Normative references the following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 193 series ordinary thread diameter and pitch (GB/T 193-2003ISO 261.1998, MOD)
 GB/T 3455 Non-electrical characteristics for balanced double circuit (GB/T 3455-1982, idtITU-T Recommendation V.28) GB/T 9412 for 60 ~ 108kHz group band circuits of 48kbit/s data transmission modem (GB/T 9412-1988, idtITU-T Recommendation V. 36) GB/T 9950-2008 Information technology - Data communication - 37 pin DTE/DCE interface connector and contact number assignments (ISO 4902. 1989, IDT) GB/T 9952-2008 Information technology - Data communication - 15 pin DTE/DCE interface connector and contact number assignments (ISO 4903. 1989, IDT) GB/T 11593-2001 Data Terminal Equipment for synchronous operation on public data networks (DTE) and data circuit-terminating equipment (DCE) the interface between the (eqvITU-T Recommendation X.21.1992) GB/T 11599 and synchronous V-series modem interface, data terminal equipment (DTE) on public data networks usage (GB/T 11599-1989, eqvITU-T Recommendation X.21bis. 1984) IEC 60050 (581). 1978 International Electrotechnical Vocabulary - Part 581. Electromechanical components for electronic equipment IEC 60807-6. 1988 Rectangular connectors for frequencies below 3MHz Part 6. Detail specification for a range of rectangular connectors Round fixed contact soldering Contact Form connector has indicated polarity size 20 (7.5A) of ITU-T Recommendation V. 10.1993 balanced double electrical circuit operating at the highest rate of 100Mbit/s data signaling characteristic ITU-T Recommendation V. 11.1996 working electrical characteristics for balanced double circuit at the highest rate of 10Mbit/s data signaling

3 Terms and Definitions for this standard, the IEC 60050-581. 1978 definitions given in

equally applicable. To facilitate the use of this standard, the following definitions are Repeated.

GB/T 9951-2008/ISO/IEC 2593:2000