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

GB/T 9950-2008

Replacing GB/T 9950-1988

**Information technology - Data communication. 37-pole
DTE/DCE interface connector and contact number assignments
(English Translation)**

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Foreword

This standard is identical with the international standard ISO/IEC 4902. 1989 "Information technology - Data communication - 37 pin DTE/DCE interface connector Connector and pin assignment "(in English).

This standard replaces GB/T 9950-1988 "Data communication - 37 pin and 9 pin DTE/DCE interface connector and pin distribution".

This standard and GB/T 9950-1988 compared to the main changes are as follows.

--- This standard does not consider the 9 pin DTE/DCE interface connector and pin assignments;

--- The standard add technical details about connectors and associated components defined;

--- This standard gives the connector connection method;

--- This standard increases the informative Appendix A.

This standard Annex A, Annex B, Annex C is informative appendix.

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

This standard was drafted. China Electronics Standardization Institute, Beijing Electronics Co. voice.

1 Scope

This standard specifies the data terminal equipment (DTE) and data circuit-terminating 37-pin connector interface between equipment (DCE) and Contact number assignments, this interface is suitable to meet the GB/T 3454, GB/T 7618 and GB/T 7619 device.

This standard provides an additional dimension of the connector housing, and recommended locking device (locking member) and the connector body means shield.

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, according to research encourages the parties to the agreement Study 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 193-2003, ISO 261:1998, MOD)
 GB/T 3454 data terminal equipment (DTE) and data circuit terminating definition table
 interface circuit equipment (DCE) between (GB/T 3454-1982, idtCCITT Recommendation V.28)
 GB/T 3455 Non-electrical characteristics for balanced double circuit (GB/T 3455-1982, idtCCITT Recommendation V.28)
 GB/Electrical characteristics for unbalanced double interface circuits T 7618 in the field of data communications is usually used in conjunction with an integrated circuit device (GB/T 7618-1987, eqvCCITT recommendation X.26 or V.10. 1984)
 GB/Electrical characteristics for balanced double circuit T 7619 in the field of data communications is usually used in conjunction with an integrated circuit device (GB/T 7619-1987, eqvCCITT recommendation X.27 or V.11. 1984)
 GB/T 9412 for 60 ~ 108kHz group band circuits of 48kbit/s data transmission modem (GB/T 9412-1988, eqvITU-T Recommendation V. 36. 1988)
 GB/T 9952-2008 data communication 15 pin DTE/DCE interface connector and pin assignments (ISO 4903. 1989, IDT)
 GB/T 15125-1994 data communication 25 pin DTE/DCE interface connector and pin assignment (idt ISO 2110. 1989)
 CCITT Recommendation V. 37. 1989 using 60kHz ~ 108kHz group band circuits with data signaling rates above 72kbit/s will be Synchronous Data IEC 60050 (581). 1978 International Electrotechnical Vocabulary - Part 581. Electromechanical components for electronic equipment IEC 60807-2. 1985 Rectangular connectors for frequencies below 3MHz Part 2. having a trapezoidal shaped metal shells and round soldering type Contacts have assessed quality series, detail specification for fixed soldering type (IEC Publication 807-2)

3 Terms and Definitions

The following terms and definitions from IEC 60050-581. 1978.

A portion of the connector, or by a fixed housing component attachment, as the connecting member and the connector body. It can include electrical provided Cable clips or shield terminating sealed, it can also provide a shield against electrical interference. It may be straight or angled.

A portion of the connector, wherein the insert member and the contact member mounted.

GB/T 9950-2008/ISO 4902. 1989