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

GB/T 24976.5-2010

**Guide of environmental design for electrical accessories -- Part
5: Plugs and socket-outlets for household and similar purposes
(English Translation)**

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Foreword

GB/T 24976 "Electrical accessories Environmental Design" includes the following sections.

- Part 1. General;
- Part 2. Conduit systems for cable management trough and pipe systems;
- Part 3. Household and similar cable reel;
- Part 4. industrial plug and socket coupler;
- Part 5. plug and socket for household and similar purposes;
- Part 6. Household and similar appliances couplers;
- Part 7. Household and similar low-voltage electrical connector device;
- Part 8. Switches for household and similar fixed electrical installations.

This part of GB/T 24976 "Electrical accessories Environmental Design" in Section 5. This section should be GB/T 24976.1-2010 "Electrical accessories Environmental Design - Part 1. General Principles" used in conjunction.

This part by the Environmental Committee of the National Standardization Technical Electrical and Electronic Products and Systems (SAC/TC297) and focal points.

This section drafted by. China Electric Apparatus Research Institute, Beijing breakthrough Electric Co., Ltd., Beijing Electrical Machinery Industry Technical and Economic Research , Shanghai Electric Tool Research Institute.

1 Scope

This section presents the environmental aspects into household and similar purposes plugs and sockets (hereinafter referred to household plug socket) Basic in principle.

This section applies to new or improved product design.

This section applies to household and similar uses plug socket comprises a single phase plugs and sockets, three-prong plug socket.

The purpose of this section is to the product design stage to control its impact on the environment.

2 Normative references

The following documents contain provisions which, through reference GB/T 24976 in this section constitute provisions of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB 1002 Household and similar single-phase plugs and socket type, basic parameters and dimensions GB 1003 Household and similar three-phase plug and socket type, basic parameters and dimensions GB 2099.1 plugs and sockets for household and similar purposes - Part 1. General requirements (GB 2099.1-2008, IEC 60884-1.

2006, MOD)

GB 2099.2 plugs and sockets for household and similar purposes Part 2. Particular requirements for appliance socket GB 2099.3 plugs and sockets for household and similar purposes Part 2. Particular requirements for converters (GB 2099.3-2008 IEC 60884-2-5:1995, MOD) GB 2099.4 plugs and sockets for household and similar purposes - Part 2. Fixed without interlock switch socket special requirements (GB 2099.4-2008 IEC 60884-2-3:2006, IDT) GB 2099.5 plugs and sockets for household and similar purposes - Part 2. Fixed special requirements with interlock switch socket (GB 2099.5-2008 IEC 60884-2-6:1997, IDT) GB 2099.6 plugs and sockets for household and similar purposes - Part 2. Particular requirements for fused plugs (GB 2099.6-2008 IEC 60884-2-1:2006, IDT) GB/T 24976.1-2010 electrical accessories Environmental Design - Part 1. Guidelines

3 Terms and Definitions

GB/T 24976.1-2010 Chapter 3 apply.

4 Environmental aspects into consideration overall product design and development

GB/T 24976.1-2010 Chapter 4 apply.

5.1 General

GB/T 24976.1-2010 5.1 add the following after apply.