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

GB/T 10186-2012

Replacing GB 10186-1988

**Fixed capacitors for use in electronic equipment - Part 7-1:
Blank detail specification - Fixed polystyrene film dielectric
metal foil d.c. capacitors - Assessment level E**

电子设备用固定电容器 第7-1部分：空白详细规范 金属箔式聚苯乙烯膜介质直流
固定电容器 评定水平E

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Foreword

"Fixed capacitors for use in electronic equipment" series of national standards divided into the following sections.

- Part 1. Generic specification (GB/T 2693-2001, idt IEC 60384-1.1999);
- Part 2. Sectional specification - Fixed metallized polyethylene terephthalate film dielectric dc capacitors (GB/T 7332-2011 / IEC 60384-2.2005);
- Part 2-1. Blank detail specification - Fixed metallized polyethylene terephthalate film dielectric dc capacitors - Assessment level E and EZ (GB/T 7333-2012/IEC 6038-2-1.2005);
- Part 3. Sectional specification for surface mounting MnO₂ solid electrolyte capacitors - (IEC 60384-3.2007);
- Part 3-1. Blank detail specification surface mount MnO₂ solid electrolyte tantalum capacitors - Assessment level EZ (IEC 60384-3-1.2007);
- Part 4. Sectional specification solid and non-solid electrolyte aluminum electrolytic capacitors (GB/T 5993-2003/IEC 60384-4. 1998, No. 1 amendments.2000);
- Part 4-1. Blank detail specification non-solid electrolyte aluminum capacitors - Assessment level EZ (GB/T 5994-2003 / IEC 60384-4-1.2000);
- Part 4-2. Blank detail specification solid (MnO₂) electrolyte aluminum electrolytic capacitors - Assessment level EZ (IEC 60384-4-2.2007);
- Part 6. Sectional specification - Fixed metallized polypropylene film dielectric dc capacitors (IEC 60384-6.2005);
- Part 6-1. Blank detail specification - Fixed metallized polypropylene film dielectric dc capacitors (IEC 60384-6-1.2005);
- Part 7. Sectional specification metal foil polystyrene film dielectric dc capacitors (GB/T 10185-2012);

--- Part 7-1. Blank detail specification polystyrene film dielectric metal foil dc capacitors - Assessment level E

--- Part 8. Sectional specification Fixed capacitors of ceramic dielectric, Class 1 (GB/T 5966-2011/IEC 60384-8.2005);

1 Scope

GB/T 10186-2012 is the Chinese national standard on fixed capacitors for use in electronic equipment - part 7-1: blank detail specification - fixed polystyrene film dielectric metal foil d.c. capacitors - assessment level e, in the field of electronics. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 5 November 2012 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 15 February 2013. Classification: ICS 31.060.30, CCS L11. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This section provides the assessment of the level of metal foil polystyrene film dielectric dc capacitors electronic components quality assessment system. This section details the development of such a capacitor canonical format, layout and minimum content requirements. Details do not meet these requirements specification, identify To be incompatible with the electronic components of assessed quality system requirements specification should be considered to develop a detailed specification specification GB/T 10185-2012 Chapter 4 of the. This section applies to electronic equipment used in polystyrene film as a medium, and a metal foil for electrodes dccapacitors detailed regulation Fan preparation.

2 Normative references

The following documents for the application of this section is essential. For dated references, only the edition date of this Part apply to Minute. For undated references, the latest edition (including any amendments) apply to this section.

GB/T 2693-2001 Fixed capacitors for use in electronic equipment - Part 1. Generic specification (idt IEC 60384-1.1999)

GB/T 10185-2012 Fixed capacitors for use in electronic equipment - Part 7. Sectional specification polystyrene film dielectric metal foil dc Fixed capacitors

IEC 60410. 1973 Sampling Inspection methods and procedures
(SamplingplansandproceduresforInspectionbyAt- tribute)

3.1 Recommended installation method (to be filled) (10185-2012

4.3 specification by the provisions of GB/T)

3.2 Dimensions Shape and size of the code shown in Table 1.

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