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

GB/T 16467-2013

Replacing GB/T 16467-1996

**Fixed capacitors for use in electronic equipment -- Part 19-1: Blank
detail specification -- Fixed metallized polyethylene-terephthalate film
dielectric surface mount d.c. capacitors -- Assessment level EZ**

信息技术 存储本的磁条

(English Translation)

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

- Part 1. Generic specification (GB/T 2693-2001/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 60384-2-1:2005);
- 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 electrolytic capacitors - Assessment level EZ (GB/T 5994-2003 /IEC 60384-4:2000);
- 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 polycarbonate film dielectric dc capacitors (IEC 60384-6:2005);
- 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 (GB/T 10186-2012);
- Part 8. Sectional specification Fixed capacitors of ceramic dielectric, Class 1 (GB/T

5966-2011/IEC 60384-8:2005);

--- Part 8-1. Blank detail specification Fixed capacitors of ceramic dielectric, Class 1 - Assessment level EZ (GB/T 5967-2011 /IEC 60384-8-1:2005);

--- Part 9. Sectional specification Fixed capacitors of ceramic dielectric, Class 2 (GB/T 5968-2011/IEC 60384-9:2005);

--- Part 9-1. Blank detail specification Fixed capacitors of ceramic dielectric, Class 2 - Assessment level EZ (GB/T 5969-2012 /IEC 60384-9-1:2005);

--- Part 11. Sectional specification metal foil polyethylene terephthalate film dielectric dc capacitors (IEC 60384-11:2008);

--- Part 11-1. Blank detail specification metal foil polyethylene terephthalate film dielectric dc capacitors (IEC 60384-11-1:2008);

--- Part 13. Sectional specification polypropylene film dielectric metal foil dc capacitors (IEC 60384-13:2011);

--- Part 13-1. Blank detail specification polypropylene film dielectric metal foil dc capacitors - Assessment levels E and EZ (GB/T 10189-2013/IEC 60384-13-1:2006);

--- Part 14. Sectional specification curb the power of electromagnetic interference with a fixed capacitor (GB/T 14472-1998/IEC 60384-14.

2005);

--- Part 14-1. Blank detail specification curb the power of electromagnetic interference capacitors - Assessment level D (GB/T 14473-1998/IEC 60384-14-1:2005);

--- Part 15. Sectional specification non-solid or solid electrolyte capacitors - (GB/T 7213-2003/IEC 60384-15.

1982, No. 1 amendments. 1987, No. 2 amendments 1992);

--- Part 15-1. Blank detail specification solid electrolyte tantalum foil capacitors - Assessment level E (GB/T 12794-1991 /IEC 60384-15-1. 1984);

--- 15-2. Blank detail specification sintered solid electrolyte tantalum capacitors - Assessment level E (GB/T 12795-1991/IEC 60384-15-2. 1984);

--- 15-3. Blank detail specification solid electrolyte and porous anode tantalum capacitors - Assessment level E (GB/T 7214-2003/IEC 60384-15-3. 1984);

--- Part 16. Sectional specification - Fixed metallized polypropylene film dielectric dc capacitors (GB/T 10190-2012 /IEC 60384-16:2005);

--- Part 16-1. Blank detail specification metallized polypropylene film dielectric dc capacitors - Assessment levels E and EZ (GB/T 10191-2011/IEC 60384-16-1:2005);

- Part 17. Sectional specification - Fixed metallized polypropylene film dielectric ac and pulse capacitors (GB/T 14579-2013 /IEC 60384-17:2005);
- Part 17-1. Blank detail specification metallized polypropylene film dielectric ac and pulse capacitors - Assessment level E and EZ (GB/T 14580-2013/IEC 60384-17-1:2005);
- Part 18. Sectional specification surface mount solid and non-solid electrolyte aluminum electrolytic fixed capacitors (GB/T 17206-1998 /IEC 60384-18:1993, No. 1 amendments 1998);
- Part 18-1. Blank detail specification surface mount solid (MnO₂) electrolyte aluminum capacitors - Assessment level EZ (GB/T 17207-2012/IEC 60384-18-1:2007);
- 18-2. Blank detail specification non-solid electrolyte chip aluminum electrolytic capacitors - Assessment level E (GB/T 17208-1998/IEC 60384-18-2:1993);
- Part 19. Sectional specification surface mount metallized polyethylene terephthalate film dielectric dc capacitors (GB/T 15448-2013/IEC 60384-19:2006);
- Part 19-1. Blank detail specification surface mount metallized polyethylene terephthalate film dielectric dc capacitors
- Part 21. Sectional specification Class 1 surface mount multilayer ceramic capacitors fixed (GB/T 21041-2007/IEC 60384-21. 2004);
- Part 21-1. Blank detail specification Class 1 surface mount multilayer ceramic capacitors fixed (GB/T 21038-2007 /IEC 60384-21-1:2004);
- Part 22. Sectional specification Class 2 surface mount multilayer ceramic capacitors fixed (GB/T 21042-2007/IEC 60384-22. 2004);
- Part 22-1. Blank detail specification Class 2 surface mount multilayer ceramic capacitors fixed (GB/T 21040-2007 /IEC 60384-22-1:2004).

This section "Fixed capacitors for use in electronic equipment" Part 19-1.

This section drafted in accordance with GB/T 1.1-2009 given rules.

This Part replaces GB/T 16467-1996 "Fixed capacitors for use in electronic equipment - Part 19. Blank detail specification - Fixed metallized polyethylene Ene terephthalate film dielectric chip dc capacitors - Assessment level E ". This portion of the GB/T 16467-1996 compared to the main Changes are as follows.

- Increasing the reference document IEC 60410;
- Assessment level E changed Assessment level EZ;

--- Quality conformance inspection packet A2 to A0 adjust packet by IL = II, AQL = 1.0% adjusted to 100% inspection; B, C Judging by the number of qualified packet 1 is changed to 0;

--- Table 4 4.6.2 Duration. "5s ± 0.5s" deleted.

This section uses the translation method is equivalent to using IEC 60384-19-1:2005 "Fixed capacitors for use in electronic equipment - Part 19-1. Blank detail Fine specification surface mount metallized polyethylene terephthalate film dielectric dc capacitors. " Consistency correspondence between this part of international documents and normative references of our files are as follows.

--- GB/T 15448-2013 Fixed capacitors for use in electronic equipment. Part 19. Sectional specification surface mount metallized polyethylene Terephthalate film dielectric dc capacitors (IEC 60384-19:2006, IDT);

--- GB/T 2693-2001 Fixed capacitors for use in electronic equipment - Part 1. Generic specification (idt IEC 60384-1:1999).

This part is proposed by the Ministry of Industry and Information Technology of the People's Republic of China.

This part of the National Equipment RC components Electronic Standardization Technical Committee (SAC/TC165) centralized.

This section is drafted. Henan Central Star Electronic Technology Co., Ltd.

Introduction

Blank detail specification Blank detail specification is a supplementary specification documents, and includes a detailed specification of requirements for style, layout and minimum content. Non-compliance Keep detailed specification of these requirements can not be considered to meet the requirements of IEC norms, it can not be referred to IEC specifications.

Develop a detailed specification should be considered in the content specification 1.4.

Detailed specification of identification (1) authorized the drafting of the detailed specifications of the organization. IEC or national standards bodies.

(2) IEC and national standards detailed specification number, publication date and more national system needs.

(3) The total number and version number specification IEC and national standards.

(4) IEC blank detail specification number.

Capacitor identification.