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

GB/T 5966-2011

Replacing GB/T 5966-1996

**Fixed capacitors for use in electronic equipment -- Part 8:
Sectional specification: Fixed capacitors of ceramic dielectric,
Class 1**

电子设备用固定电容器 第8部分：分规范 1类瓷介固定电容器

(English Translation)

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Table of Contents

Introduction

1 General

1.1 Scope

1.2 Objective

1.3 Normative references

1.4 Detail specification shall specify the contents of

1.5 Terms and Definitions

1.6 Flag

2 3 priority ratings and characteristics

2.1 Priority 3 properties

2.2 Priority Rating

3 Quality assessment procedures

3.1 Initial manufacturing stage

3.2 Structurally similar elements

3.3 Certified records of released lots

8 3.4 Qualification approval

3.5 Quality conformance inspection

4 14 test and measurement procedures

4.1 Visual inspection and dimensional inspection

4.2 Electrical Test

4.3 Temperature coefficient alpha and temperature cycling drift capacity

17 4.4 Terminal Strength

4.5 Resistance to soldering heat

4.6 Weldability

4.7 Rapid changes in temperature (eg detailed specifications)

18 4.8 Vibration

18 4.9 Collision

4.10 Shock

4.11 Climatic sequence

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/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 (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 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 metallized polypropylene film dielectric dc capacitors - Assessment level E (IEC 60384-6-1:2005);
- Part 7. Sectional specification metal foil polystyrene film dielectric dc capacitors (GB/T 10185);
- Part 7-1. Blank detail specification polystyrene film dielectric metal foil dc capacitors - Assessment level E (available confession Card use) (GB/T 10186);
- 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 (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 Assessment level EZ (IEC 60384-11-1:2008);
- Part 12. Sectional specification polycarbonate film dielectric metal foil dc capacitors (IEC 60384-12. 1988);
- Part 12-1. Blank detail specification polycarbonate film dielectric metal foil dc capacitors - Assessment level E (IEC 60384-12-1. 1988);
- Part 13. Sectional specification polypropylene film dielectric metal foil dc capacitors (IEC 60384-13:2006);
- Part 13-1. Blank detail specification polypropylene film dielectric metal foil dc capacitors - Assessment levels E and EZ (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. 1993, No. 1 amendments 1995);
- Part 14-1. Blank detail specification curb the power of electromagnetic interference capacitors - Assessment level D (GB/T 14473-1998/IEC 60384-14-1:1993);
- Part 15. Sectional specification non-solid or solid electrolyte tantalum capacitors (GB/T 7213-2003/IEC 60384-15. 1982, no. 1 amendments. 1987, No. 2 amendments 1992);
- 15-1. Blank detail specification solid electrolyte tantalum capacitor foil electrode - Assessment level E (Applicable for certification) (GB/T 12794-1991/IEC 60384-15-1. 1984);
- 15-2. Blank detail specification solid electrolyte and porous anode tantalum capacitors - Assessment level E (Applicable for certification) (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 60384-15-3:1992);
- Part 16. Sectional specification - Fixed metallized polypropylene film dielectric dc capacitors (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 (IEC 60384-17:2005);

--- Part 17-1. Blank detail specification metallized polypropylene film dielectric ac and pulse capacitors - Assessment level E and EZ (IEC 60384-17-1:2005);

--- Part 18. Sectional specification solid (MnO₂) and non-solid electrolyte sheet aluminum 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 (IEC 60384-18-1:2007);

--- 18-2. Blank detail specification sheet of non-solid electrolyte aluminum capacitors - Assessment level E (GB/T 17208-1998/IEC 60384-18-2:1993);

--- Part 19. Sectional specification - Fixed metallized polyethylene terephthalate film dielectric surface mount dc capacitors (IEC 60384-19:2006);

--- Part 19-1. Blank detail specification - Fixed metallized polyethylene terephthalate film dielectric surface mount dc capacitors Assessment level E (IEC 60384-19-1:2006);

--- 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 - Assessment level EZ (GB/T 21038-2007/IEC 60384-21-1:2004);

--- Part 22. Sectional specification surface mount multilayer ceramic multilayer Class 2 Fixed capacitors (GB/T 21042-2007 /IEC 60384-22:2004);

--- Part 22-1. Blank detail specification Class 2 surface mount multilayer ceramic capacitors - Assessment level EZ (GB/T 21040-2007/IEC 60384-22-1:2004).

This section "Fixed capacitors for use in electronic equipment" Part 8 series of national standards.

According to the rules of this part of GB/T 1.1-2009 and GB/T 20000.2-2009 given draft.

This section uses the translation method is equivalent to using IEC 60384-8:2005 "Fixed capacitors for use in electronic equipment - Part 8. Sectional specification Class 1 Fixed ceramic dielectric capacitors. " Consistency of the correspondence between the specification of international documents and normative references of the following documents.

--- GB/T 2421.1-2008 Environmental testing for electric and electronic products overview and guidance (IEC 60068-1. 1988, IDT).

For ease of use, IEC 60384-8:2005 made some editorial changes.

--- Remove the IEC foreword;