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NATIONAL STANDARD OF THE

PEOPLE'S REPUBLIC OF CHINA

GB/T 6346.2501-2018

Fixed capacitors for use in electronic equipment -- Part 25-1: Blank detail specification -- Surface mount fixed aluminum electrolytic capacitors with conductive polymer solid electrolyte -- Assessment level EZ

电子设备用固定电容器 第25-1部分：空白详细规范 表面安装导电高分子固体电解质铝固定电容器 评定水平EZ

(English Translation)

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Foreword

The National Standards for Fixed Capacitors for Electronic Equipment that have been or are planned to be issued are as follows.

--- Part 1. General specification (GB/T 2693-2001/IEC 60384-1:1999);

--- Part 2. Sectional specification metallized polyethylene terephthalate film dielectric DC fixed capacitors (GB/T 7332-2011/ IEC 60384-2:2005);

--- Part 2-1. Blank detail specification Metallized polyethylene terephthalate film dielectric dc fixed capacitors Assessment level E and EZ (GB/T 7333-2012/IEC 60384-2-1:2005);

--- Part 3. Sectional specification surface mount (MnO2) solid electrolyte helium capacitors (GB/T 6346.3-2015/ IEC 60384-3:2006);

---Part 3-1. Blank Detail Specification Surface Mount (MnO2) Solid Electrolyte/Fixed Capacitors Assessment Level EZ (GB/T 6346.301-2015/IEC 60384-3-1:2006);

--- Part 4. Sectional specification for aluminium capacitors with solid and non-solid electrolytes (GB/T 5993-2003/IEC 60384-4:1998, No. Revision No. 1..2000);

---Part 4-1. Blank detail specification Non-solid electrolyte aluminum capacitors Assessment level E (GB/T 5994-2003/ IEC 60384-4-1:2000);

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--- Part 4-2. Blank detail specification for solid electrolyte (MnO2) aluminium capacitors Assessment level E (IEC 60384-4-2.

2007);

--- Part 6. Sectional specification metallized polycarbonate film dielectric DC fixed capacitors (available for certification) (GB/T 14004-1992/IEC 60384-6:1987);

--- Part 6-1. Blank detail specification Metallized polycarbonate film dielectric dc fixed capacitors Assessment level E (available for certification Use) (GB/T 14005-1992/IEC 60384-6-1:2005);

--- Part 7. Sectional specification of metal foil type polystyrene film dielectric DC fixed capacitors (GB/T 10185-2012);

--- Part 7-1. Blank detail specification Fixed metal foil type polystyrene film dielectric DC capacitors Assessment level E (GB/T 10186-2012);

--- Part 8. Subdivision 1 fixed ceramic capacitors (GB/T 5966-2011/IEC 60384-8:2005);

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

--- Part 9. Section 2 fixed capacitors of ceramic dielectrics (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 5969-2011/ IEC 60384-9-1:2005);

--- Part 11. Sectional specification for metal foil type polyethylene terephthalate film dielectric DC fixed capacitors (GB/T 6346.11-2015/IEC 60384-11:2008);

--- Part 11-1. Blank detail specification for metal foil type polyethylene terephthalate film dielectric DC fixed capacitors Assessment level EZ (GB/T 6346.1101-2015/IEC 60384-11-1:2008);

--- Part 13. Sectional specification for metal foil type polypropylene film dielectric DC fixed capacitors (GB/T 10188-2013/ IEC 60384-13:2006);

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

--- Part 14. Sectional specification Fixed capacitors for electromagnetic interference suppression in power supply (GB/T 6346.14-2015/IEC 60384-14.

2005);

--- Part 14-1. Blank detail specification for the suppression of power supply Electromagnetic interference Fixed capacitors for use Assessment level D (GB/T 6346. 1401-2015/IEC 60384-14-1:2005);

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--- Part 15. Sectional specification for non-solid or solid electrolyte tantalum capacitors (GB/T 7213-2003/IEC 60384-15:1982, Revision No. 1. 1987, Revision No. 2..1992);

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

--- Part 15-2. Blank detail specification Non-solid electrolyte porous anode tantalum capacitors Assessment level E (available for certification) (GB/T 12795-1991/IEC 60384-15-2:1984);

--- Part 15-3. Blank detail specification for solid electrolyte porous anode tantalum capacitors Assessment level E (available for certification) (GB/T 7214-2003/IEC 60384-15-2:1992);

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

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

--- Part 17. Sectional specification for metallized polypropylene film dielectric ac and pulse capacitors (GB/T 14579-2013/ IEC 60384-17:2005);

--- Part 17-1. Blank detail specification for metallized polypropylene film dielectric ac and pulse-hold capacitors Assessment level E and EZ (GB/T 14580-2013/IEC 60384-17-1:2005);

--- Part 18. Sectional specification solid (MnO_2) and non-solid electrolyte chip type aluminum fixed capacitors (GB/T 17206-1998/ IEC 60384-18:1993, Revision No. 1..1998);

--- Part 18-1. Blank detail specification Surface Mount Solid (MnO_2) Electrolyte Aluminum Fixed Capacitors Assessment Level EZ (GB/T 17207-2012/IEC 60384-18-1:2007);

--- Part 18-2. Blank detail specification Non-solid electrolyte chip type aluminium electrolytic fixed 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 fixed capacitors (GB/T 15448-2013/IEC 60384-19:2005);

---Part 19-1. Blank detail specification Surface mounted metallized polyethylene terephthalate film dielectric dc fixed capacitors Set level EZ (GB/T 16467-2013/IEC 60384-19-1:2006);

--- Part 21. Sectional specification. Surface mount type 1 multilayer ceramic dielectric capacitors (GB/T 21041-2007/IEC 60384-21:2004);

---Part 21-1. Blank detail specification Class 1 multi-layer ceramic dielectric capacitors for surface mounting Assessment level EZ (GB/T 21038-2007/IEC 60384-21-1:2004);

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--- Part 22. Sub-standard surface mount two-layer multilayer ceramic dielectric capacitor (GB/T 21042-2007/IEC 60384-22:2004);

---Part 22-1. Blank Detail Specification Surface Mounted Multilayer Ceramic Fixed Capacitor Type 2 Assessment Level EZ (GB/T 21040-2007/IEC 60384-22-1:2004);

--- Part 25. Sectional specification for surface mounting of conductive polymer solid electrolytic aluminum fixed capacitors (GB/T 6346.25-2018/ IEC 60384-25:2015);

--- Part 25-1. Blank detail specification Surface mount conductive polymer solid electrolytic aluminum fixed capacitors Assessment level EZ This part is Part 25-1 of "Fixed Capacitors for Electronic Equipment." This section was drafted in accordance with the rules given in GB/T 1.1-2009.

This section uses the translation method equivalent to using IEC 60384-25-1:2006 "Fixed capacitors for electronic equipment Part 25-1. Blank details Specification for Surface Mounted Conductive Polymer Solid Electrolyte Aluminium Fixed Capacitors Assessment Level EZ".

Introduction

Blank detail specification The blank detail specification is a supplemental document to the specification, which includes the format, layout, and minimum content requirements of the detailed specification. Do not The detailed specifications for complying with these requirements are not considered to be in compliance with IEC requirements nor can they be called IEC standards.

In the development of detailed specifications should take into account the contents of sub-regulation 1.4.

The figures in parentheses on the front page of the detail specification indicate that the following should be filled in at this position.

Detailed specification identification [1] Authorized to draft the organization of this detailed specification. IEC or national standardization body.

[2] Detailed specification number, publication date, and other content required by the national system for IEC or national standards.

[3] IEC or national standard general specification number and its version number. [4] IEC or national standard blank detail specification number. Capacitor identification [5] Short description of the capacitor. [6] Information on typical structures (where applicable).

[7] outline drawings with major dimensions that have important effects on interchangeability and/or references to national or international texts on appearance Pieces. Another method can be found in the appendix of the detailed specification. [8] Application or application group and/or rating level.

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