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

GB/T 6346-1986

Replacing GB/T 2693-2001

**Fixed capacitors for use in electronic equipment - Part 1:
Generic specification
(English Translation)**

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

This document is Part 1 of GB/T 6346 "Fixed capacitors for electronic equipment". GB/T 6346 has been published in the following parts.

- Part 1: General specification;
- Part 2: Sectional specification for metallized polyethylene terephthalate film dielectric DC fixed capacitors;
- Part 2-1. Blank detail specification for evaluation of metallized polyethylene terephthalate film dielectric DC fixed capacitors Level E and EZ;
- Part 3: Sectional specification for surface mount MnO₂ solid electrolyte tantalum fixed capacitors;
- Part 3-1. Blank detail specification for surface mount MnO₂ solid electrolyte tantalum fixed capacitors, assessment level EZ;
- Part 4: Sectional specification for solid and non-solid electrolyte aluminium capacitors;
- Part 4-1. Blank detail specification for non-solid electrolyte aluminium capacitors, assessment level E;
- Part 5: Sectional specification for selection and test methods for DC mica dielectric fixed capacitors with rated voltage not exceeding 3 000 V General requirements;
- Part 5-1. Blank detail specification for evaluation of DC mica dielectric fixed capacitors with rated voltage not exceeding 3000 V Level E;
- Part 6: Sectional specification for metallized polycarbonate film dielectric DC fixed capacitors;
- Part 6-1. Blank detail specification for metallized polycarbonate film dielectric DC fixed capacitors, assessment level E;
- Part 7: Sectional specification for metal foil polystyrene film dielectric DC fixed capacitors;
- Part 7-1. Blank detail specification Metal foil polystyrene film dielectric DC fixed capacitors Assessment level E;
- Part 8: Sectional specification for Class 1 ceramic fixed capacitors;
- Part 8-1. Blank detail specification Class 1 ceramic fixed capacitors Assessment level EZ;

- Part 9: Class 2 ceramic fixed capacitors;
- Part 9-1. Blank detail specification Class 2 ceramic fixed capacitors Assessment level EZ;
- Part 11: Sectional specification for metal foil polyethylene terephthalate film dielectric DC fixed capacitors;
- Part 11-1. Blank detail specification for evaluation of metal foil polyethylene terephthalate film dielectric DC fixed capacitors Horizontal EZ;
- Part 13: Sectional specification for metal foil polypropylene film dielectric DC fixed capacitors;
- Part 13-1. Blank detail specification for metal foil polypropylene film dielectric DC fixed capacitors for assessment levels E and EZ;
- Part 14: Sectional specification for fixed capacitors for electromagnetic interference suppression in power supplies;
- Part 14-1. Blank detail specification for fixed capacitors for suppression of electromagnetic interference in power supplies, assessment level DZ;
- Part 15: Sectional specification for fixed tantalum capacitors with non-solid or solid electrolytes;
- Part 15-1. Blank detail specification for solid electrolyte foil electrodes tantalum fixed capacitors assessment level E;
- Part 15-2. Blank detail specification for solid electrolyte sintered tantalum fixed capacitors Assessment level E;
- Part 15-3. Blank detail specification for solid electrolyte and porous anode tantalum fixed capacitors assessment level E;
- Part 16: Sectional specification for metallized polypropylene film dielectric DC fixed capacitors;
- Part 16-1. Blank detail specification for metallized polypropylene film dielectric DC fixed capacitors for assessment levels E and EZ;
- Part 17: Sectional specification for metallized polypropylene film dielectric AC and pulse fixed capacitors;
- Part 17-1. Blank detail specification Metallized polypropylene film dielectric AC and pulse fixed capacitors Assessment level E and EZ;
- Part 18: Sectional specification for solid (MnO₂) and non-solid electrolyte aluminium chip fixed capacitors;
- Part 18-1. Blank detail specification for surface mount solid (MnO₂) electrolyte aluminium