

INTERNATIONAL STANDARD

IEC 60384-6-1

QC 300501

Second edition
2005-09

Fixed capacitors for use in electronic equipment –

Part 6-1:

**Blank detail specification:
Fixed metallized polycarbonate film
dielectric d.c. capacitors –
Assessment level E**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

FIXED CAPACITORS FOR USE IN ELECTRONIC EQUIPMENT –

**Part 6-1: Blank detail specification:
Fixed metallized polycarbonate film dielectric d.c. capacitors –
Assessment level E**

FOREWORD

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International Standard IEC 60384-6-1 has been prepared by IEC technical committee 40: Capacitors and resistors for electronic equipment.

This second edition of IEC 60384-6-1 cancels and replaces the first edition published in 1987. It constitutes a technical revision. All changes that have been agreed upon can be categorized as minor revisions related to tables, figures and references..

The text of this standard is based on the following documents:

FDIS	Report on voting
40/1589/FDIS	40/1609/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

The QC number that appears on the front cover of this publication is the specification number in the IEC Quality Assessment System for Electronic Components (IECQ).

This publication should be read in conjunction with IEC 60384-1 and IEC 60384-6.

This standard forms Part 6-1 of IEC 60384 which is published under the general title *Fixed capacitors for use in electronic equipment*.

Part 6 is composed as follows:

Part 6: Sectional specification – Fixed metallized polycarbonate film dielectric d.c. capacitors

Part 6-1: Blank detail specification – Fixed metallized polycarbonate film dielectric d.c. capacitors – Assessment level E

NOTE For the complete list of parts, see IEC 60384-6.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

A bilingual version of this publication may be issued at a later date.

FIXED CAPACITORS FOR USE IN ELECTRONIC EQUIPMENT –

Part 6-1: Blank detail specification: Fixed metallized polycarbonate film dielectric d.c. capacitors – Assessment level E

INTRODUCTION

Blank detail specification

A blank detail specification is a supplementary document to the sectional specification and contains requirements for style and layout and minimum content of detail specifications. Detail specifications not complying with these requirements may not be considered as being in accordance with IEC specifications nor shall they so be described.

In the preparation of detail specifications, the content of 1.3 of the sectional specification shall be taken into account. The numbers between brackets on the first page correspond to the following information which shall be inserted in the position indicated.

Identification of the detail specification

- [1] The International Electrotechnical Commission or the National Standards Organization under whose authority the detail specification is published.
- [2] The IEC or National Standards number of the detail specification, date of issue and any further information required by the national system.
- [3] The number and issue number of the IEC or national generic specification.
- [4] The IEC number of the blank detail specification.

Identification of the capacitor

- [5] A short description of the type of capacitor.
- [6] Information on typical construction (when applicable).

NOTE When the capacitor is not designed for use in printed board applications, this should be clearly stated in the detail specification in this position.

- [7] Outline drawing with main dimensions which are of importance for interchangeability and/or reference to the national or international documents for outlines. Alternatively, this drawing may be given in an appendix to the detail specification.
- [8] Application or group of applications covered and/or assessment level.

NOTE The assessment level(s) to be used in a detail specification is/are selected from 3.5.4 of the sectional specification. This implies that one blank detail specification may be used in combination with several assessment levels, provided the grouping of the tests does not change.

- [9] Reference data on the most important properties, to allow comparison between the various capacitor types.