

INTERNATIONAL STANDARD

IEC 60384-14-1

QC 302401
Second edition
2005-07

Fixed capacitors for use in electronic equipment –

Part 14-1:

Blank detail specification:

Fixed capacitors for electromagnetic interference suppression and connection to the supply mains – Assessment level D

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

FIXED CAPACITORS FOR USE IN ELECTRONIC EQUIPMENT

**Part 14-1: Blank detail specification:
Fixed capacitors for electromagnetic interference suppression
and connection to the supply mains –
Assessment level D**

FOREWORD

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International Standard CEI 60384-14-1 has been prepared by IEC technical committee 40: Capacitors and resistors for electronic equipment.

This second edition of CEI 60384-14-1 cancels and replaces the first edition published in 1993. It constitutes a technical revision. All changes that have been agreed upon can be categorized as minor revisions.

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

FDIS	Report on voting
40/1553/FDIS	40/1587/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.

It should be read in conjunction with IEC 60384-1 and IEC 60384-14.

This standard forms Part 14-1 of IEC 60384, which is published under the general title *Fixed capacitors for use in electronic equipment*.

Part 1: Generic specification

Part 14 is composed as follows:

Part 14: Sectional specification – Fixed capacitors for electromagnetic interference suppression and connection to the supply mains

Part 14-1: Blank detail specification – Fixed capacitors for electromagnetic interference suppression and connection to the supply mains – Assessment level D

Part 14-2: Blank detail specification – Fixed capacitors for electromagnetic interference suppression and connection to the supply mains – Safety tests only

Part 14-3: Blank detail specification – Fixed capacitors for electromagnetic interference suppression and connection to the supply mains – Assessment level DZ

NOTE For the complete list of all the parts, see IEC 60384-14.

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).

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 standard may be issued at a later date.

FIXED CAPACITORS FOR USE IN ELECTRONIC EQUIPMENT

Part 14-1: Blank detail specification: Fixed capacitors for electromagnetic interference suppression and connection to the supply mains – Assessment level D

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. In the preparation of detail specifications, the content of 1.4 of the sectional specification shall be taken into account.

Identification of the detail specification and of the component

The first page of the detail specification should have the layout recommended on the next page of this blank detail specification. The numbers between brackets correspond to the following information which shall be inserted at the position indicated.

- [1] The name of the National Standards Organization under whose authority the detail specification is published and, if applicable, the organization from which the detail specification is available.
- [2] The IECQ symbol and the number allotted to the detail specification by the IECQ General Secretariat.
- [3] The number and issue number of the IECQ generic or sectional specification as relevant; also the national reference if different.
- [4] If different from the IECQ number, the national number of the detail specification, date of issue and any further information required by the national system, together with any amendment numbers.
- [5] A brief description of the component or range of components.
- [6] Information on typical construction (when applicable).

For [5] and [6] the text to be given in the detail specification should be suitable for an entry in the IECQ Register of Approvals.

- [7] Outline drawing with main dimensions which are of importance for inter-changeability and/or reference to the appropriate national or international documents for outlines. Alternatively, the drawing may be given in an annex to the detail specification, but [7] should always contain an illustration of the general outer appearance of the component.
- [8] The level(s) of quality assessment covered by the detail specification, as appropriate.
- [9] Reference data giving information on the most important properties of the component which allow comparison between the various component types intended for the same or similar applications.