
Pritrjeni kondenzatorji za uporabo v elektronski opremi – 23-1. del: Okvirna podrobna specifikacija – Pritrjeni DC kondenzatorji za površinsko namestitev z dielektrikom iz metaliziranega polietilenskega naftalatnega filma – Raven ocenjevanja EZ (IEC 60384-23-1:2005)

Fixed capacitors for use in electronic equipment – Part 23-1: Blank detail specification – Fixed surface mount metallized polyethylene naphthalate film dielectric DC capacitors – Assessment level EZ (IEC 60384-23-1:2005)

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[SIST EN 60384-23-1:2005](https://standards.iteh.ai/catalog/standards/sist/a2f82e23-0f88-42eb-91f6-99e2a5ebaa39/sist-en-60384-23-1-2005)

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English version

**Fixed capacitors for use in electronic equipment
Part 23-1: Blank detail specification –
Fixed surface mount metallized polyethylene naphthalate
film dielectric DC capacitors –
Assessment level EZ
(IEC 60384-23-1:2005)**

Condensateurs fixes utilisés
dans les équipements électroniques
Partie 23-1: Spécification particulière-
cadre –

Condensateurs fixes pour montage
en surface pour courant continu
à diélectrique en film de polyéthylène
naphthalate métallisé –
Niveau d'assurance EZ
(CEI 60384-23-1:2005)

Festkondensatoren zur Verwendung
in Geräten der Elektronik
Teil 23-1: Vordruck für Bauartspezifikation –
Oberflächenmontierbare metallisierte
Polyethylen-Naphthalat-Folien-
kondensatoren –
Qualitätsbewertungsstufe EZ
(IEC 60384-23-1:2005)

[SIST EN 60384-23-1:2005](https://standards.iteh.ai/catalog/standards/sist/a2f82e23-0f88-42eb-91f6-99e2a5ebaa39/sist-en-60384-23-1-2005)

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Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of document 40/1504/FDIS, future edition 1 of IEC 60384-23-1, prepared by IEC TC 40, Capacitors and resistors for electronic equipment, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60384-23-1 on 2005-02-01.

The following dates were fixed:

- | | | |
|--|-------|------------|
| – latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement | (dop) | 2005-12-01 |
| – latest date by which the national standards conflicting with the EN have to be withdrawn | (dow) | 2008-02-01 |

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60384-23-1:2005 was approved by CENELEC as a European Standard without any modification.

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<https://standards.iteh.ai/catalog/standards/sist/a2f82e23-0f88-42eb-91f6-99e2a5ebaa39/sist-en-60384-23-1-2005>

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE Where an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60384-1 (mod)	1999	Fixed capacitors for use in electronic equipment Part 1: Generic specification	EN 60384-1 + Corr. October	2001 2001
IEC 60384-23	- 1)	Part 23: Sectional specification: Fixed surface mount metallized polyethylene naphthalate film dielectric d.c. capacitors	EN 60384-23	2005 2)

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1) Undated reference.

2) Valid edition at date of issue.

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INTERNATIONAL STANDARD

IEC 60384-23-1

First edition
2005-02

Fixed capacitors for use in electronic equipment –

Part 23-1:

Blank detail specification –

Fixed surface mount metallized polyethylene

naphthalate film dielectric DC capacitors –

Assessment level EZ

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SIST EN 60384-23-1:2005

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International Electrotechnical Commission, 3, rue de Varembé, PO Box 131, CH-1211 Geneva 20, Switzerland
Telephone: +41 22 919 02 11 Telefax: +41 22 919 03 00 E-mail: inmail@iec.ch Web: www.iec.ch



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INTERNATIONAL ELECTROTECHNICAL COMMISSION

FIXED CAPACITORS FOR USE IN ELECTRONIC EQUIPMENT –

Part 23-1: Blank detail specification –
Fixed surface mount metallized polyethylene naphthalate film
dielectric DC capacitors – Assessment level EZ

FOREWORD

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International Standard IEC 60384-23-1 has been prepared by IEC technical committee 40: Capacitors and resistors for electronic equipment.

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

FDIS	Report on voting
40/1504/FDIS	40/1533/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.

IEC 60384 consists of the following parts, under the general title *Fixed capacitors for use in electronic equipment*:

- Part 1: Generic specification
- Part 2: Sectional specification: Fixed metallized polyethylene-terephthalate film dielectric DC capacitors
- Part 3: Sectional specification: Fixed tantalum chip capacitors
- Part 4: Sectional specification: Aluminium electrolytic capacitors with solid and non-solid electrolyte
- Part 5: Sectional specification: Fixed mica dielectric DC capacitors with a rated voltage not exceeding 3000 V – Selection of methods of test and general requirements
- Part 6: Sectional specification: Fixed metallized polycarbonate film dielectric DC capacitors
- Part 7: Sectional specification: Fixed polystyrene film dielectric metal foil DC capacitors
- Part 8: Sectional specification: Fixed capacitors of ceramic dielectric, Class 1
- Part 9: Sectional specification: Fixed capacitors of ceramic dielectric, Class 2
- Part 11: Sectional specification: Fixed polyethylene-terephthalate film dielectric metal foil DC capacitors
- Part 12: Sectional specification: Fixed polycarbonate film dielectric metal foil DC capacitors
- Part 13: Sectional specification: Fixed polypropylene film dielectric metal foil DC capacitors
- Part 14: Sectional specification: Fixed capacitors for electromagnetic interference suppression and connection to the supply mains
- Part 15: Sectional specification: Fixed tantalum capacitors with non-solid or solid electrolyte
- Part 16: Sectional specification: Fixed metallized polypropylene film dielectric DC capacitors
- Part 17: Sectional specification: Fixed metallized polypropylene film dielectric AC and pulse capacitors
- Part 18: Sectional specification: Fixed aluminium electrolytic chip capacitors with solid and non-solid electrolyte
- Part 19: Sectional specification: Fixed metallized polyethylene-terephthalate film dielectric chip DC capacitors
- Part 20: Sectional specification: Fixed metallized polyphenylene sulfide film dielectric chip DC capacitors
- Part 21: Sectional specification: Fixed surface mount multilayer capacitors of ceramic dielectric, Class 1
- Part 22: Sectional specification: Fixed surface mount multilayer capacitors of ceramic dielectric, Class 2
- Part 23: Sectional specification – Fixed surface mount metallized polyethylene naphthalate film dielectric DC capacitors

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.