

Fixed capacitors for use in electronic equipment - Part 2: Sectional specification - Fixed metallized polyethylene-terephthalate film dielectric DC capacitors

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

See Eesti standard EVS-EN IEC 60384-2:2021 sisaldab Euroopa standardi EN IEC 60384-2:2021 ingliskeelset teksti.	This Estonian standard EVS-EN IEC 60384-2:2021 consists of the English text of the European standard EN IEC 60384-2:2021.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.
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EUROPEAN STANDARD

**EN IEC 60384-2**

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2021

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Supersedes EN 60384-2:2012 and all of its amendments  
and corrigenda (if any)

English Version

**Fixed capacitors for use in electronic equipment - Part 2:  
Sectional specification - Fixed metallized polyethylene-  
terephthalate film dielectric DC capacitors  
(IEC 60384-2:2021)**

Condensateurs fixes utilisés dans les équipements  
électroniques - Partie 2: Spécification intermédiaire -  
Condensateurs fixes pour courant continu à diélectrique en  
film de téréphtalate de polyéthylène métallisé  
(IEC 60384-2:2021)

Festkondensatoren zur Verwendung in Geräten der  
Elektronik - Teil 2: Rahmenspezifikation -  
Festkondensatoren mit metallisierter Kunststoffolie aus  
Polyethylen-Terephthalat für Gleichspannung  
(IEC 60384-2:2021)

This European Standard was approved by CENELEC on 2021-05-17. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

## European foreword

The text of document 40/2821/FDIS, future edition 5 of IEC 60384-2, prepared by IEC/TC 40 "Capacitors and resistors for electronic equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60384-2:2021.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2022-02-17
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2024-05-17

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In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60384-14 NOTE Harmonized as EN 60384-14

IEC 60384-19 NOTE Harmonized as EN 60384-19

## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: [www.cenelec.eu](http://www.cenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60063	2015	Preferred number series for resistors and capacitors	EN 60063	2015
IEC 60068-1	2013	Environmental testing - Part 1: General and guidance	EN 60068-1	2014
IEC 60384-1	2016	Fixed capacitors for use in electronic equipment - Part 1: Generic specification	EN 60384-1	2016
IEC 61193-2	2007	Quality assessment systems - Part 2: Selection and use of sampling plans for inspection of electronic components and packages	EN 61193-2	2007
ISO 3	1973	Preferred numbers - Series of preferred numbers	-	-

# INTERNATIONAL STANDARD

**Fixed capacitors for use in electronic equipment –  
Part 2: Sectional specification – Fixed metallized polyethylene-terephthalate film  
dielectric DC capacitors:**



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# INTERNATIONAL STANDARD

**Fixed capacitors for use in electronic equipment –  
Part 2: Sectional specification – Fixed metallized polyethylene-terephthalate film  
dielectric DC capacitors:**

INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**FIXED CAPACITORS FOR USE IN ELECTRONIC EQUIPMENT –****Part 2: Sectional specification – Fixed metallized polyethylene-terephthalate film dielectric DC capacitors**

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International Standard IEC 60384-2 has been prepared by IEC technical committee 40: Capacitors and resistors for electronic equipment.

This fifth edition cancels and replaces the fourth edition published in 2011. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) revision of all parts of the document based on the ISO/IEC Directives, Part 2:2018 and harmonization with other similar kinds of documents;
- b) the document structure has been organized to follow the new sectional specification structure decided by TC 40;
- c) revision of tables and Clause 5 so as to prevent duplications and contradictions.

The text of this International Standard is based on the following documents:

FDIS	Report on voting
40/2821/FDIS	40/2830/RVD

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

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

A list of all parts in the IEC 60384 series, published under the general title *Fixed capacitors for use in electronic equipment*, can be found on the IEC website.

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