SLOVENSKI STANDARD

SIST EN 60384-13-1:2006

julij 2006

Nespremenljivi kondenzatorji za elektronsko opremo – 13-1. del: Okvirna podrobna specifikacija – Nespremenljivi kondenzatorji za enosmerni tok s kovinsko folijo in polipropilenskim dielektrikom – Ocenjevalni nivo E (IEC 60384-13-1:2006)

Fixed capacitors for use in electronic equipment – Part 13-1: Blank detail specification – Fixed polypropylene film dielectric metal foil d.c. capacitors – Assessment level E (IEC 60384-13-1:2006)

(standards.iteh.ai)

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EUROPEAN STANDARD

EN 60384-3-1

NORME FUROPÉENNE **EUROPÄISCHE NORM**

December 2006

ICS 31.060.30

English version

Fixed capacitors for use in electronic equipment Part 3-1: Blank detail specification: Surface mount fixed tantalum electrolytic capacitors with manganese dioxide solid electrolyte -**Assessment level EZ**

(IEC 60384-3-1:2006)

Condensateurs fixes utilisés dans les

équipements électroniques

Partie 3-1: Spécification particulière cadre:

Condensateurs fixes électrolytiques

au tantale pour montage en surface

à électrolyte solide en bioxyder ANDARD p Mangandioxid-Elektrolyt -

de manganèse -

Festkondensatoren zur Verwendung

in Geräten der Elektronik

Teil 3-1: Vordruck für Bauartspezifikation:

Oberflächenmontierbare

Tantal-Kondensatoren mit festem

Qualitätsbewertungsstufe EZ

Niveau d'assurance de la qualité Ezdards.itel (IEO 60384-3-1:2006) (CEI 60384-3-1:2006)

SIST EN 60384-13-1:2006

https://standards.iteh.ai/catalog/standards/sist/452f30b7-ab20-4488-962f-

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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 40/1772/FDIS, future edition 2 of IEC 60384-3-1, 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 60384-3-1 on 2006-11-01.

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) 2007-08-01

 latest date by which the national standards conflicting with the EN have to be withdrawn

(dow) 2009-11-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60384-3-1:2006 was approved by CENELEC as a European Standard without any modification.

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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 When 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>	EN/HD	<u>Year</u>
IEC 60286-3	_1)	Packaging of components for automatic handling Part 3: Packaging of surface mount components on continuous tapes	EN 60286-3	1998 ²⁾
IEC 60384-1 (mod)	_1)	Fixed capacitors for use in electronic equipment Part 1: Generic specification	EN 60384-1 + corr. October	2001 ²⁾ 2001
IEC 60384-3	<u>i</u> T(Fixed capacitors for use in electronic EN 60384-3 20 equipment Part 3: Sectional specification: Surface mount fixed tantalum electrolytic capacitors with manganese dioxide solid electrolyte		2006 ²⁾
LEC 60410 -1) Sampling plans and procedures for inspection - by attributes https://standards.liefl.avcatalog/standards/sist/452f30b7-ab20-4488-962f- 2da039ed7c58/sist-en-60384-13-1-2006			-	

¹⁾ Undated reference.

²⁾ Valid edition at date of issue.

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INTERNATIONAL **STANDARD**

IEC 60384-13-1

QC 301801 Second edition 2006-01

Fixed capacitors for use in electronic equipment –

Part 13-1: Blank detail specification -Fixed polypropylene film dielectric metal rfoil der capacitors - PREVIEW Assessment level E (standards.iteh.ai)

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PRICE CODE

M

INTERNATIONAL ELECTROTECHNICAL COMMISSION

FIXED CAPACITORS FOR USE IN ELECTRONIC EQUIPMENT -

Part 13-1: Blank detail specification – Fixed polypropylene film dielectric metal foil d.c. capacitors – Assessment level E

FOREWORD

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International Standard IEC 60384-13-1 has been prepared by IEC technical committee 40: Capacitors and resistors for electronic equipment.

This second edition cancels and replaces the first edition published in 1991 and constitutes a minor revisions related to tables, figures and references.

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

FDIS	Report on voting	
40/1621/FDIS	40/1644/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.

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 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 d.c. 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 d.c. 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 d.c. 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 d.c. capacitors 1 AND ARD PROPERTY 11:
- Part 12: Sectional specification: Fixed polycarbonate film dielectric metal foil d.c. capacitors
- Part 13: Sectional specification: SISTIXED 60 polypropylene film dielectric metal foil d.c. capacitors capacitors //standards.iteh.ai/catalog/standards/sist/452f30b7-ab20-4488-962f-
- Part 14: Sectional specification9edFixedst-capacitors-1-fon6 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 d.c. capacitors
- Part 17: Sectional specification: Fixed metallized polypropylene film dielectric a.c. and pulse capacitors
- Part 18: Sectional specification: Fixed aluminium electrolytic chip capacitors with solid electrolyte
- Part 19: Sectional specification: Fixed metallized polyethylene-terephthalate film dielectric chip d.c. capacitors
- Part 20: Sectional specification: Fixed metallized polyphenylene sulfide film dielectric chip d.c. 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 d.c. capacitors