



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 60384-3-1:2007

ICS 31.060.30

**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 (EQV))**

National Standards
Authority of Ireland
Glasnevin, Dublin 9
Ireland

Tel: +353 1 807 3800
Fax: +353 1 807 3838
<http://www.nsai.ie>

Sales
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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60384-3-1

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 bioxyde
de manganèse -
Niveau d'assurance de la qualité EZ
(CEI 60384-3-1:2006)

Festkondensatoren zur Verwendung
in Geräten der Elektronik
Teil 3-1: Vordruck für Bauartspezifikation:
Oberflächenmontierbare
Tantal-Kondensatoren mit festem
Mangandioxid-Elektrolyt -
Qualitätsbewertungsstufe EZ
(IEC 60384-3-1:2006)

This European Standard was approved by CENELEC on 2006-11-01. 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.

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.

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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.

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>	<u>EN/HD</u>	<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	- ¹⁾	Fixed capacitors for use in electronic equipment Part 3: Sectional specification: Surface mount fixed tantalum electrolytic capacitors with manganese dioxide solid electrolyte	EN 60384-3	2006 ²⁾
IEC 60410	- ¹⁾	Sampling plans and procedures for inspection - by attributes		-

¹⁾ Undated reference.

²⁾ Valid edition at date of issue.

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