



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 60384-21-1:2004

ICS 31.060.10

**FIXED CAPACITORS FOR USE IN
ELECTRONIC EQUIPMENT PART 21-1: BLANK
DETAIL SPECIFICATION: FIXED SURFACE
MOUNT MULTILAYER CAPACITORS OF
CERAMIC DIELECTRIC, CLASS 1 -
ASSESSMENT LEVEL EZ (IEC 60384-21-1:2004
+ CORRIGENDUM 2004)**

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*This Irish Standard was
published under the
authority of the National
Standards Authority of
Ireland
and comes into effect on:
December 13, 2004*

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EUROPEAN STANDARD

EN 60384-21-1

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2004

ICS 31.060.10

Partially supersedes EN 132101:1996

English version

Fixed capacitors for use in electronic equipment
Part 21-1: Blank detail specification:
Fixed surface mount multilayer capacitors of ceramic dielectric, Class 1 –
Assessment level EZ
(IEC 60384-21-1:2004 + corrigendum 2004)

Condensateurs fixes utilisés dans
les équipements électroniques
Partie 21-1: Spécification particulière
cadre: Condensateurs multicouches
fixes pour montage en surface pour
diélectriques en céramique, classe 1 –
Niveau d'évaluation EZ
(CEI 60384-21-1:2004 + corrigendum
2004)

Festkondensatoren zur Verwendung
in Geräten der Elektronik
Teil 21-1: Vordruck für Bauartspezifikation:
Oberflächenmontierbare
Vielschichtkeramik-Festkondensatoren,
Klasse 1 –
Bewertungsstufe EZ
(IEC 60384-21-1:2004 + corrigendum
2004)

This European Standard was approved by CENELEC on 2004-09-01. 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.

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 40/1421/FDIS, future edition 1 of IEC 60384-21-1, 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 60384-21-1 on 2004-09-01.

This European Standard, together with EN 60384-22-1:2004, supersedes EN 132101:1996.

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) | 2005-06-01 |
| – latest date by which the national standards conflicting with the EN have to be withdrawn | (dow) | 2007-09-01 |

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60384-21-1:2004 + corrigendum September 2004 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 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 | 2001 |
| IEC 60384-21 + corr. September | 2004 2004 | Part 21: Sectional specification: Fixed surface mount multilayer capacitors of ceramic dielectric, Class 1 | EN 60384-21 | 2004 |
| IEC 60410 | 1973 | Sampling plans and procedures for inspection by attributes | - | - |

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