

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**

ICS 31.060.10

National foreword

This British Standard is the UK implementation of EN 60384-21-1:2004. It is identical to IEC 60384-21-1:2004 incorporating corrigendum September 2004. Together with BS EN 60384-22-1:2004, it supersedes BS EN 132101:1997 which is withdrawn. Together with BS EN 60384-21:2004, BS EN 60384-22:2004 and BS EN 60384-22-1:2004 it supersedes BS QC 301900:1992 and BS QC 301901:1992 which are withdrawn.

The UK participation in its preparation was entrusted to Technical Committee EPL/40X, Capacitors and resistors for electronic equipment.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard cannot confer immunity from legal obligations.

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Date	Comments
31 March 2010	Supersession text amended

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.

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INTRODUCTION

Blank detail specification

A blank detail specification is a supplementary document to the sectional specification and contains requirements for style, layout and minimum content of detail specifications. Detail specifications not complying with these requirements may not be considered as being in accordance with IEC specifications nor shall they so be described.

In the preparation of detail specifications the content of 1.4 of the sectional specification shall be taken into account.

The numbers between square brackets on the first page of the detail specification correspond to the following information, which shall be inserted in the position indicated.

Identification of the detail specification

- (1) The “International Electrotechnical Commission” or the National Standards Organization under whose authority the detail specification is drafted.
- (2) The IEC or National Standards number of the detail specification, date of issue and any further information required by the national system.
- (3) The number and issue number of the IEC or national generic specification.
- (4) The IEC number of the blank detail specification.

Identification of the capacitor

- (5) A short description of the type of capacitor.
- (6) Information on typical construction (when applicable).
- (7) Outline drawing with main dimensions which are of importance for interchangeability and/or reference to the national or international documents for outlines. Alternatively, this drawing may be given in an annex to the detail specification.
- (8) Application or group of applications covered and/or assessment level.
- (9) Reference data on the most important properties, to allow comparison between the various capacitor types.