

Specification for

**Harmonized system of
quality assessment for
electronic
components —
Blank detail
specification —
Fixed tantalum
capacitors with solid
electrolyte, porous
anode (sub-family 3)**

The European Standard EN 130201:1993, with the incorporation of its amendment A2:1998, has the status of a British Standard

ICS 31.060.40

Committees responsible for this British Standard

The United Kingdom participation in the preparation of this European Standard was entrusted to Technical Committee EPL/40, Capacitors and Resistors for Electrical Equipment, upon which the following bodies were represented:

- Federation of the Electronics Industry
- Ministry of Defence
- National Supervising Inspectorate (BSI QA)
- Society of British Aerospace Companies Ltd.

This British Standard, having been prepared under the direction of the Electrotechnical Sector Board, was published under the authority of the Standards Board and comes into effect on 15 March 1995

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ISBN 0 580 30944 4

Amendments issued since publication

Amd. No.	Date	Comments
10079	January 1999	New pages 6 and 8

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National foreword

This British Standard has been prepared under the direction of the Electrotechnical Sector Board, and is the English language version of EN 130201:1993 *Blank detail specification: Fixed tantalum capacitors with solid electrolyte, porous anode (sub-family 3)*, including amendment A2:1998, published by the European Committee for Electrotechnical Standardization (CENELEC) Electronic Components Committee (CECC). There is no amendment A1 to EN 130201:1993.

BS EN 130201:1995 supersedes BS CECC 30201:1988.

This standard lists the ratings, characteristics and inspection requirements which shall be included as mandatory requirements in any detail specification for this type of capacitor.

Detail specifications shall conform to the requirements of this blank detail specification and BS CECC 00111 *Rule of Procedure 11. Specifications — Part 4:1991 Regulations for CECC detail specifications*.

The British Standard which implements the CECC Rules of Procedure is BS 9000 *General requirements for a system for electronic components of assessed quality — Part 2:1991 Specification for the national implementation of the CECC system*.

Cross-references

Publication referred to	Corresponding British Standard
EN 130000:1993 ^a	BS EN 130000:1994 <i>Harmonized system of quality assessment for electronic components. Generic specification: Fixed capacitors</i> .
EN 130200:1993	BS EN 130200:1993 <i>Harmonized system of quality assessment for electronic components. Sectional specification: Fixed tantalum capacitors with non-solid or solid electrolyte</i> .

^a Under 1.4 Related documents “Generic specification: EN 130200:1993” should read “Generic specification: EN 130000:1993”.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 13 and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

Blank detail specification:
Fixed tantalum capacitors with solid electrolyte, porous
anode (SUB-FAMILY 3)

(includes amendment A2:1998)

Spécification particulière cadre:
Condensateurs fixes au tantale à électrolyte
solide, à anode poreuse
(SOUS-FAMILLE 3)
(inclut l'amendement A2:1998)

Vordruck für Bauartspezifikation:
Tantal-Festkondensatoren mit festem
Elektrolyten und Sinteranode
(UNTERFAMILIE 3)
(enthält Änderung A2:1998)

This European Standard was approved by the CENELEC Electronic Components Committee (CECC) on 27 January 1992; amendment A2 was approved by CENELEC on 1994-10-16. 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 General Secretariat of the CECC 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 CECC General Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom. The membership of the CECC is identical, with the exception of the national electrotechnical committees of Greece, Iceland and Luxembourg.

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 CENELEC Electronic Components Committee (CECC) is composed of those member countries of the European Committee for Electrotechnical Standardization (CENELEC) who wish to take part in a harmonized System for electronic components of assessed quality,

The object of the System is to facilitate international trade by the harmonization of the specifications and quality assessment procedures for electronic components, and by the grant of an internationally recognized Mark, or Certificate of Conformity. The components produced under the System are thereby acceptable in all member countries without further testing.

This European Standard was prepared by CECC WG 3, Capacitors.

The text of the draft based on document CECC 30201 Issue 2:1985 was submitted to the formal vote for conversion to a European Standard; together with the voting report, circulated as document CECC (Secretariat) 2996 it was approved by CECC as EN 130201 on 27 January 1992. The text of EN 130201 consists of:

CECC 30201 Issue 2 (with A1, A3 and A5),
CECC(Sec) 2524/01.90 [RV CECC(Sec) 2996/05.90],
CECC(Sec) 2399/04.89 [RV CECC(Sec) 2595/05.90],
CECC(Sec) 2456/08.91 [RV CECC(Sec) 2811/05.91].

The following dates were fixed:

- latest date of announcement of the EN at national level (doa) 1991-09-11
- latest date of publication of an identical national standard (dop) 1992-03-11
- latest date of declaration of national standards obsolescence 1992-03-11
- latest date of withdrawal of conflicting national standards (dow) 2001-09-11

Foreword to amendment A2

This amendment to the European Standard EN 130201 was prepared by CLC/TC CECC/SC 40XA (former WG 3), Capacitors.

The text of the draft based on document CECC (Secretariat) 3542 was submitted to the formal vote; together with the voting report, circulated as document CECC (Secretariat) 3621, it was approved as amendment A2 to EN 130201:1993 on 1994-10-16.

The following dates were fixed:

- latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 1998-10-01
- latest date by which national standards conflicting with the amendment have to be withdrawn (dow) 1999-10-01

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