

Specification for

**Harmonized system of
quality assessment for
electronic
components —
Blank detail
specification —**

**Fixed tantalum capacitors with
non-solid electrolyte, porous anode
(sub-family 2)**

Amendments issued since publication

Amd. No.	Date	Comments

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National foreword

This British Standard has been prepared under the direction of the Electronic Components Standards Committee. It is identical with CENELEC Electronic Components Committee (CECC) 30202:1986 “*Harmonized system of quality assessment for electronic components. Blank detail specification: fixed tantalum capacitors with non-solid electrolyte, porous anode (sub-family 2)*”.

This standard is a harmonized specification within the CECC system.

This standard supersedes BS CECC 30202:1981, which is withdrawn.

Terminology and conventions. The text of the CECC specification has been approved as suitable for publication as a British Standard without deviation. Some terminology and certain conventions are not identical with those used in British Standards; attention is drawn especially to the following:

The comma has been used as a decimal marker. In British Standards it is current practice to use a full point on the baseline as the decimal marker.

Cross-references. The British Standard which implements CECC 00100 is BS 9000: “*General requirements for a system for electronic components of assessed quality*” Part 2:1983 “*Specification for national implementation of CECC basic rules and rules of procedure*”.

International Standard	Corresponding British Standard
CECC 30000:1983	BS CECC 30000:1984 <i>Harmonized system of quality assessment for electronic components. Generic specification: fixed capacitors</i> (Identical)
CECC 30200:1985	BS CECC 30200:1986 <i>Harmonized system of quality assessment for electronic components. Sectional specification: fixed tantalum capacitors with non-solid or solid electrolyte</i> (Identical)
IEC 410:1973	BS 6001 <i>Sampling procedures for inspection by attributes: Part 1:1972 Specification for sampling plans indexed by acceptable quality level (AQL) for lot-by-lot inspection</i> (Technically equivalent)

Scope. This standard lists the ratings, characteristics and inspection requirements which shall be included as mandatory requirements in accordance with BS CECC 30100.

Detail specification layout. In the event of conflict between the requirements of this specification and the provisions of BS 9000 the latter shall take precedence, except that the front page layout shall be in accordance with PD 9004:1986:BS 9000, CECC & IECQ administrative guide, Circular Letter No 15.

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 CECC title page, pages ii to iv, pages 1 to 10 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.

English version

Harmonized System of Quality Assessment for
Electronic Components

BLANK DETAIL SPECIFICATION:
**FIXED TANTALUM CAPACITORS
WITH NON-SOLID
ELECTROLYTE,
POROUS ANODE
(SUB-FAMILY 2)**

Système Harmonisé d'Assurance de la Qualité
des Composants Electroniques

SPECIFICATION PARTICULIERE CADRE:
**CONDENSATEURS FIXES
AU TANTALE A ELECTROLYTE
NON SOLIDE ET A ANODE
POREUSE
(SOUS-FAMILLE 2)**

Harmonisiertes Gütebestätigungssystem für
Bauelemente der Elektronik

VORDRUCK
FÜR BAUARTSPEZIFIKATION:
**TANTAL-FESTKONDENSATOREN
MIT FLÜSSIGEM ELEKTROLYT
UND SINTERANODE
(UNTERFAMILIE 2)**



2 Edition
Issue
Ausgabe

CECC 30 202

1986

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 accepted by all member countries without further testing.

This blank detail specification has been formally approved by the CECC, and has been prepared for those countries taking part in the System who wish to issue national harmonized specifications for FIXED TANTALUM CAPACITORS WITH NON-SOLID ELECTROLYTE, POROUS ANODE (SUB-FAMILY 2). It should be read in conjunction with the current regulations for the CECC System.

At the date of printing of this specification the member countries of the CECC are Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom. Copies of it can be obtained from the addresses shown on the blue fly sheet.

Preface

This blank detail specification was prepared by CECC Working Group 3: "Capacitors", and it is an editorially revised version of CECC 30202 Issue 1.

It is one of a series of blank detail specifications all relating to the sectional specification CECC 30200, Issue 2.

It is based, wherever possible, on the Publications of the International Electrotechnical Commission and in particular on IEC 384-15-2: Part 15: Blank detail specification: Fixed tantalum capacitors with non-solid electrolyte and porous anode. Assessment level E.

The text of this blank detail specification was circulated to the CECC for voting in the document indicated below and was ratified by the President of the CECC for printing as a CECC Specification.

Document	Voting Date	Report on the Voting
CECC (Secretariat) 1665	January 1985	CECC (Secretariat) 1785

This second issue of CECC 30202 shall be come effective for all new qualification approvals in June 1986. Issue 1 will continue to remain effective to cover all past approvals.

Key for page iii

The numbers between square brackets on page iii correspond to the following indications which should be given:

Identification of the harmonized detail specification

- [1] The name of National Standards Organization under whose authority the detail specification is published
- [2] The CECC Symbol and the number allotted by the CECC General Secretariat to the completed detail specification
- [3] The number and issue number of the national generic and sectional specifications
- [4] The national number of the detail specification, date of issue and any further information required by the national system.

Identification of the capacitor

- [5] A short description of the type of capacitor
- [6] Information on typical construction (see examples given on page iii)
- [7] Outline drawing with main dimensions which are of importance for interchangeability and/or reference to the national or international documents for outlines
- [8] Level of quality assessment
- [9] Quick reference data