

Specification for

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

**Aluminium electrolytic capacitors with
non-solid electrolyte (Assessment
level E)**

Amendments issued since publication

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National foreword

This British Standard has been prepared under the direction of the Electronic Components Standards Policy Committee (ECL/-). It is identical with CECC 30301:1988 incorporating Amendment 2:1991 “*Harmonized system of quality assessment for electronic components. Blank Detail Specification: Aluminium electrolytic capacitors with non-solid electrolyte (Assessment level E)*” published by the European Committee for Electrotechnical Standardization (CENELEC) Electronic Components Committee (CECC). It is a harmonized specification within the CECC system of quality assessment for electronic components.

CECC 30301 was prepared by CECC WG3, “*Capacitors*” and the UK participation in the drafting was provided by Subcommittee ECL/4/4, “*Capacitors and electromagnetic interference suppression components for electronic equipment*”, under the direction of Technical Committee ECL/4 “*Capacitors and resistors for electronic equipment*”.

Scope. This standard lists the ratings, characteristics and inspection requirements which shall be included as mandatory requirements in accordance with BS CECC 30300 in any detail specifications for this type of capacitor.

Cross-references

International Standard	Corresponding British Standard
CECC 30000: Issue 3:1983	BS CECC 30000:1992 <i>Harmonized system of quality assessment for electronic components. Generic specification: Fixed capacitors</i> (Identical)
CECC 30300: Issue 2:1988	BS CECC 30300:1992 <i>Harmonized system of quality assessment for electronic components. Sectional specification: Aluminium electrolytic capacitors with solid and non-solid electrolyte</i> (Identical)
IEC 410:1973	BS 6001 <i>Sampling procedures for inspection by attributes</i> Part 1:1991 <i>Specification for sampling plans indexed by acceptable quality level (AQL) for lot-by-lot inspection</i> (Technically equivalent)

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*”.

Detail specifications. Detail specifications shall comply with the requirements of this Blank Detail Specification and BS CECC 00111 “*Rule of Procedure 11*” Specifications’ — Part 4:1991. “*Regulations for CECC detail specifications*”.

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 11 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.

Förderverein für Elektrotechnische Normung (FEN) e. V.
Cenelec Electronic Components Committee

CECC

Système Harmonisé d'Assurance de la Qualité
des Composants Electroniques

SPEZIFIKATION PARTICULIERE CADRE:

**CONDENSATEURS
ELECTROLYTIQUES
A L'ALUMINIUM A ELECTROLYTE
NON-SOLIDE**

(Niveau d'assurance E)

Harmonized System of Quality Assessment for
Electronic Components

BLANC DETAIL SPECIFICATION:

**ALUMINIUM ELECTROLYTIC
CAPACITORS WITH NON-SOLID
ELECTROLYTE**

(Assessment level E)

Harmonisiertes Gütebestätigungssystem für
Bauelemente der Elektronik

**VORDRUCK
FÜR BAUARTSPEZIFIKATION:
ALUMINIUM-ELEKTROLYT-
KONDENSATOREN
MIT FLÜSSIGEM ELEKTROLYTEN**

(Gütebestätigungsstufe E)



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Edition
Issue
Ausgabe

CECC 30 301

1988

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 ALUMINIUM ELECTROLYTIC CAPACITORS WITH NON-SOLID ELECTROLYTE. ASSESSMENT LEVEL E. It should be read in conjunction with the current regulations for the CECC System.

Preface

This blank detail specification was prepared by CECC Working Group 3: “Capacitors”, and it is an editorially revised version of CECC 30301, Issue 1.

It is one of a series of blank detail specifications all relating to the sectional specification CECC 30300, Issue 2.

It is based, wherever possible, on the Publications of the International Electrotechnical Commission and in particular on IEC 384-4-1: Part 4: *Blank detail specification: Aluminium electrolytic capacitors with non-solid electrolyte. 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) 2088	April 1987	CECC(Secretariat)2174

This second issue of CECC 30301 shall become effective for all new qualification approvals on 1. November 1988. Issue 1 will continue to remain effective to cover all past approvals.