

Specification for

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

Unidirectional transient overvoltage
suppressor diodes

The European Standard EN 150015:1992 has the status of a
British Standard

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Amendments issued since publication

Amd. No.	Date of issue	Comments
7697	June 1993	Indicated by a sideline in the margin

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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 50015:1992 *“Harmonized system of quality assessment for electronic components. Blank Detail Specification: Unidirectional transient overvoltage suppressor diodes”* published by the European Committee for Electrotechnical Standardization (CENELEC) Electronic Components Committee (CECC).

CECC 50015 Issue 1:1992 was prepared by CECC WG5 “Semiconductor diodes and transistors” and the United Kingdom participation in the drafting was provided by Technical Committee ECL/24 “Semiconductors”

In 1992 the CENELEC Electronic Components Committee (CECC) accepted CECC 50015:1992 as European Standard EN 150015:1992.

Scope

This standard lists the ratings, characteristics and inspection requirements which shall be included as mandatory requirements in accordance with BS CECC 50000 in any detail specification for these devices.

Cross-references

International Standard	Corresponding British Standard
IEC 191-2:1966	BS 3934 <i>Mechanical standardization of semiconductor devices</i> Part 2:1992 <i>Schedule of international drawings giving dimensions</i> (Identical)
CECC 50000:1986	BS CECC 50000:1987 <i>Harmonized system of quality assessment for electronic components. Generic specification: discrete semiconductor devices</i> (Identical)

The Technical Committee has reviewed the provisions of CECC 00200 to which reference is made in the text and has decided that it is acceptable for use in conjunction with this standard.

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”*.

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, page 2, the CECC title page, pages ii to iv, pages 1 to 9 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

Blank Detail Specification: Unidirectional transient overvoltage suppressor diodes

Spécification Particulière Cadre:
Diodes unidirectionnelles, limiteurs
de surtensions transitoires

Vordruck für Bauartspezifikation:
Unidirektionale
Überspannungs-begrenzer-Dioden

This European Standard was approved by the CENELEC Electronic Components Committee (CECC) on 3 December 1992. CENELEC members are bound to comply with 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.

CECC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B-1050 Brussels

Preface

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 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

Unidirectional transient overvoltage suppressor diodes. It should be read in conjunction with the current regulations for the CECC System.

Copies of it can be obtained from the addresses shown on the blue fly sheet.

Foreword

This specification was prepared by CECC WG 5 "Semiconductor diodes and transistors".

It is based, wherever possible, on the Publications of the International Electrotechnical Commission (IEC).

The CECC voting procedure for the conversion of publication CECC 50015 Issue 1:1992 to EN has resulted in a positive vote.

The voting report [document CECC(Secretariat)3256/11.92] has been submitted for formal approval and has been accepted. The reference document was approved by CECC as EN 150015:1992 on 3 December 1992.

The following dates were fixed:

- latest date of announcement
of the EN at national level (doa) 1993-12-28
- latest date of publication of
an identical national
standard (dop) 1994-06-28
- latest date of declaration of
national standards
obsolescence 1994-06-28
- latest date of withdrawal of
conflicting national
standards (dow) 2003-12-28