

Specification for

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

Ambient-rated rectifier diodes

Amendments issued since publication

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National foreword

This British Standard has been prepared under the direction of the Electronic components Standard committee. It is identical with CENELEC Electronic components Committee (CECC) CECC 50008 Issue 2, “*Harmonized system of quality assessment for electronic components. Blank detail specification: Ambient rated rectifier diodes*”. It supersedes BS CECC 50008:1977 and results from additions and changes which are explained in the preface to the CECC document.

This standard is a harmonized specification within the CECC system. The equivalent non-harmonized British Standard in the BS 9300 series will eventually be superseded by this standard but, for a period, both standards will continue to exist.

It is recognized that the layout proposed herein cannot be applied to all detail specifications based on this document. For instance, it may be preferable to indicate the limiting values in the form of a table when several similar devices appear in the same detail specification.

NOTE Textual error. In box 7, on page 3, the document quoted as a reference for outlines should be IEC 191-2 and not IEC 192-2. The error has been reported to CECC in a proposal to amend the text of the International Standard.

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.

Detail specification layout

The front page of detail specifications released to BS CECC family or blank detail specifications will be in accordance with BS 9000 Circular Letter No. 15.

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 especially drawn to the following.

The comma has been used throughout 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 harmonized with CECC 00100 is BS E9000 “*General requirements for electronic components of assessed quality harmonized with the CENELEC Electronic Components Committee System*” Part 1 “*Basic rules*”.

The following International Standards are referred to in the text and for each there is a corresponding British Standard; these are as listed below:

International Standard	Corresponding British Standard
IEC 191-2:1966	BS 3934:1965 <i>Dimensions of semiconductor devices</i> (Technically equivalent)
CECC 50000:1980	BS CECC 50000:1981 <i>Harmonized system of quality assessment for electronic components: Generic specification: Discrete semiconductor devices</i> (Identical)

The Technical Committee has reviewed the provisions of IEC 147-2A and IEC 147-2H, to which reference is made in the text, and has decided that they are acceptable for use in conjunction with this standard. A related British Standard for these International Standards is BS 9300 “*Semiconductor devices of assessed quality: Generic data and methods of test*”.

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 to iv, 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.

