

Specification for

Fixed resistors for use in electronic equipment — Blank detail specification —

Fixed power resistors, heat-sink
types —
Assessment level H

National foreword

This British Standard has been prepared under the direction of the Electronic Components Standards Policy Committee (ECL/-). It is identical with IEC Publication 115-4-3 (QC 400203) “*Fixed resistors for use in electronic equipment. Part 4 Blank detail specification: Fixed power resistors, heat-sink types. Assessment level H*”, published by the International Electrotechnical Commission (IEC).

This blank detail specification is one of a series of blank detail specifications for fixed resistor devices to be used with BS QC 400000:1990 “*Harmonized system of quality assessment for electronic components. Fixed resistors for use in electronic equipment. Generic specification.*”

Cross-references

International Standard	Corresponding British Standard
IEC 115-1:1982 (QC 400000)	BS QC 400000:1990 <i>Harmonized system of quality assessment for electronic components. Fixed resistors for use in electronic equipment. Generic specification</i> (Identical)
IEC 115-4:1982 (QC 400200)	BS 9940 <i>Harmonized system of quality assessment for electronic components. Fixed resistors for use in electronic equipment.</i> Part 02.0:1983: <i>Sectional specification: fixed power resistors</i> (Identical)

The Technical Committee has reviewed the provisions of IEC Publication 410 to which reference is made to the text and has decided that they are acceptable for use in conjunction with this standard.

Detail specification. 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, 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.

Amendments issued since publication

Amd. No.	Date	Comments

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Introduction

Blank detail specification

A blank detail specification is a supplementary document to the Sectional Specification and contains requirements for style, layout and minimum content of detail specifications. Detail specifications not complying with these requirements shall not be considered as being in accordance with IEC specifications nor shall they so be described.

In the preparation of detail specifications the content of Subclause 1.4 of the Sectional Specification shall be taken into account.

The numbers between brackets on page 2 correspond to the following information which shall be inserted in the position indicated.

Identification of the detail specification

- (1) The “International Electrotechnical Commission” or the National Standards Organisation under whose authority the detail specification is drafted.
- (2) The IEC or National Standards number of the detail specification, date of issue and any further information required by the national system.
- (3) The number and issue number of the IEC or national Generic Specification.
- (4) The IEC number of the blank detail specification.

Identification of the resistor

- (5) A short description of the type of resistor.
- (6) Information on typical construction (if applicable).

NOTE When the resistor is not designed for use in printed board applications, this shall be clearly stated in the detail specification in this position.

- (7) Outline drawing with main dimensions which are of importance for interchangeability and/or reference to the national or international documents for outlines. Alternatively, this drawing may be given in an appendix to the detail specification.
- (8) Application or group of applications covered and/or assessment level.

NOTE The assessment level(s) to be used in a detail specification shall be selected from the sectional specification, Subclause 3.3.3. This implies that one blank detail specification may be used in combination with several assessment levels, provided the grouping of the tests does not change.

- (9) Reference data on the most important properties, to allow comparison between the various resistor types.