BRITISH STANDARD

BS QC 3004001:1984
IEC 384-2-1: 1982
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Specification for

Harmonized system of quality assessment for electronic components —

Fixed capacitors for use in electronic equipment — Blank detail specification: Fixed metallized polyethylene terephthalate film dielectric dc capacitors — Assessment level E

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National foreword

This Part of this British Standard has been prepared under the direction of the Electronic Components Standards Committee. It is identical with IEC Publication 384-2-1 (QC 300401): "*Fixed capacitors for use in electronic equipment. Blank detail specification: Fixed metallized polyethylene terephthalate film dielectric d.c. capacitors. Assessment level E*" published by the International Electrotechnical Commission (IEC).

Terminology and conventions. The text of the International Standard 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.

Cross-references. The British Standard which implements IEC Publications QC 001001:1986 and QC 001002:1986 is BS 9000: "*General requirements for a system for electronic components of assessed quality*": Part 3:1987 "*Specification for national implementation of the IECQ basic rules and rules of procedure*".

International Standards	Corresponding British Standards
IEC 384-1:1982 (QC 300000:1982)	BS QC 300000:1983 *Harmonized system of quality assessment for electronic components. Fixed capacitors for use in electronic equipment: Generic specification* (Identical)
IEC 384-2:1982 (QC 300400:1982)	BS QC 300400:1983 *Sectional specification: Fixed capacitors* (Identical)
IEC 410:1973	BS 6001: *"Sampling procedures for inspection by attributes"*: Part 1:1972: *"Specification for sampling plans indexed by acceptable quality level (AQL) for lot-by-lot inspection*"

In adopting the IEC text as a National Standard it has been noted that there is an omission from boxes 2 and 4 of the specification number in the IEC Quality Assessment System for Electronic Components (IECQ). This has been drawn to the attention of the IEC TC 40 Secretariat and the specification number has been inserted where necessary in this standard.

Scope. This standard lists the ratings, characteristics and inspection requirements which shall be included as mandatory requirements in accordance with BS QC 300400.

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 will be in accordance with PD 9004:1986 "BS 9000, CECC and IECQ UK 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, 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.

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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 and layout and minimum content of detail specifications. Detail specifications not complying with these requirements may not be considered as being in accordance with IEC specifications nor shall they be so described.

In the preparation of detail specifications the content of Sub-clause **1.4** of the sectional specification shall be taken into account.

The numbers between brackets on the first page 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 Organization 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 capacitor

[5] A short description of the type of capacitor.

[6] Information on typical construction (when applicable).

NOTE When the capacitor 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. Sub-clause **3.4.4**. 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 capacitor types.

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