

Harmonized system of quality assessment for electronic components — Fixed capacitors for use in electronic equipment — Blank detail specification —

Fixed polystyrene film dielectric metal
foil d.c. capacitors —
Assessment level E

Amendments issued since publication

Amd. No.	Date	Comments

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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 IEC 384-7-1:1991 (QC 300901) *“Fixed capacitors for use in electronic equipment. Part 7: Blank detail specification for fixed polystyrene film dielectric metal foil d.c. capacitors. Assessment Level E”*, published by the International Electrotechnical Commission (IEC), and is a harmonized specification in the IECQ System of quality assessment for electronic components.

IEC 384-7-1 was prepared by IEC Technical Committee No. 40, Capacitors and resistors for electronic equipment, and the United Kingdom participation in the drafting was provided by Subcommittee ECL/4/4, Capacitors and electromagnetic 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 QC 300900 in any detail specification for these components.

Cross-references

International Standard	Corresponding British Standard
IEC 384-1:1982	BS QC 300000:1983 <i>Fixed capacitors for use in electronic equipment Generic specification</i> (Identical)
IEC 384-7:1991	BS QC 300900:1991 <i>Sectional specification: Fixed polystyrene film dielectric metal foil d.c. capacitors</i> (Identical)
IEC 410:1973	BS 6001: <i>Sampling procedures for inspection by attributes. Part 1:1991 Specification for sampling plans indexed by acceptable quality level (AQL) for lot-by-lot inspection</i> (Technically equivalent)

The British Standard which implements the IECQ Rules of Procedure is BS 9000 *“General requirements for a system for electronic components of assessed quality”*. Part 3:1991 *“Specification for the national implementation of the IECQ System”*.

Detail Specifications. Detail Specifications shall comply with the requirements of this Blank Detail Specification and BS QC 001002:1991 *“Rules of Procedure of the IEC Quality Assessment System for Electronic Components (IECQ)”*.

Foreword

- 1) The formal decisions or agreements of the IEC on technical matters, prepared by Technical Committees on which all the National Committees having a special interest therein are represented, express, as nearly as possible, an international consensus of opinion on the subjects dealt with.
- 2) They have the form of recommendations for international use and they are accepted by the National Committees in that sense.
- 3) In order to promote international unification, the IEC expresses the wish that all National Committees should adopt the text of the IEC recommendation for their national rules in so far as national conditions will permit. Any divergence between the IEC recommendation and the corresponding national rules should, as far as possible, be clearly indicated in the latter.

Preface

This standard has been prepared by IEC Technical Committee No. 40: Capacitors and Resistors for Electronic Equipment.

The text of this standard is based upon the following documents:

Six Months' Rule	Reports on Voting
40(CO)617	40(CO)682

Further information can be found in the relevant Reports on Voting indicated in the table above.

The QC number that appears on page 2 of this publication is the specification number in the IEC Quality Assessment System for Electronic Components (IECQ).

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, 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.