

Specification for

**Harmonized system of  
quality assessment for  
electronic  
components —  
Fixed film resistor  
networks for use in  
electronic equipment —  
Blank detail  
specification —**

**Film resistor networks of assessed  
quality on the basis of capability  
approval procedure —  
Assessment level E**

Amendments issued since publication

| Amd. No. | Date | Comments |
|----------|------|----------|
|          |      |          |
|          |      |          |
|          |      |          |
|          |      |          |
|          |      |          |

# Contents

|                                    | Page |
|------------------------------------|------|
| National foreword                  | ii   |
| Foreword                           | iii  |
| Introduction                       | 1    |
| Section 1. General data            |      |
| 1    General data                  | 2    |
| Section 2. Inspection requirements |      |
| 2    Inspection requirements       | 4    |
| Table I                            | 2    |
| Table II                           | 4    |

# National foreword

This British Standard has been prepared under the direction of the Electronic Components Standards Policy Committee (ECL/-). It is identical with IEC 1042-2-1 (QC 390101) “*Fixed film resistor networks for use in electronic equipment. Part 2 Blank detail specification for film resistor networks of assessed quality on the basis of the capability approval procedure. Assessment level E*”, published by the International Electrotechnical Commission (IEC) and is a harmonized specification within the IECQ system of quality assessment for electronic components.

IEC 1042-2-1 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 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 410300 in any detail specifications for these components.

**Cross-references**

| International Standard | Corresponding British Standard                                                                                                                                                                                              |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IEC 1045-1:1991        | BS QC 390000:1991 <i>Fixed film resistor networks for use in electronic equipment: Generic specification</i> (Identical)                                                                                                    |
| IEC 1045-2:1991        | BS QC 390100:1991 <i>Fixed film resistor networks for use in electronic equipment. Sectional specification for film resistor networks of assessed quality on the basis of the capability approval procedure</i> (Identical) |
| IEC 410:1973           | BS 6001:1973 <i>Sampling procedures for inspection by attributes</i> (Related)                                                                                                                                              |

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 for 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 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.

## 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 | Report on voting |
|------------------|------------------|
| 40(CO)655        | 40(CO)677        |

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

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

