

# Harmonized system of quality assessment for electronic components: Sectional specification: Fixed precision resistors

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The Electronic Components Standards Committee, under whose direction this British Standard was prepared, consists of representatives from the following:

- British Electrical and Allied Manufacturers' Association (BEAMA)
- Electricity Supply Industry in England and Wales\*
- Electronic Components Industry Federation\*
- Electronic Engineering Association\*
- Institution of Electronic and Radio Engineers
- National Supervising Inspectorate\*
- Post Office\*
- Society of British Aerospace Companies Limited\*
- Telecommunication Engineering and Manufacturing Association (TEMA)

The organizations marked with an asterisk in the above list, together with the following, were directly represented on the Technical Committee entrusted with the preparation of this British Standard:

- British Broadcasting Corporation
- Electrical Research Association

This British Standard, having been prepared under the direction of the Electronic Components Standards Committee, was published under the authority of the Executive Board and comes into effect on 31 December 1981

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The following BSI references relate to the work on this standard:  
Committee reference ECL/4  
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# National foreword

This British Standard has been prepared under the direction of the Electronic Components Standards Committee. It is identical with CENELEC Electronic Components Committee (CECC) 40300 “*Harmonized system of quality assessment for electronic components: Sectional specification: Fixed precision resistors*” (second edition).

This standard is a harmonized specification within the CECC system.

**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 “*Specification for general requirements for electronic components of assessed quality harmonized with the CENELEC Electronic Components Committee System*” — Part 1 “*Basic rules*”.

| International Standard | Corresponding British Standard                                                                                                                                                                              |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CECC 40000:1979        | BS CECC 40000:1980 <i>Harmonized system of quality assessment for electronic components: Generic specification: Fixed resistors</i><br>(Identical)<br>BS 2011 <i>Basic environmental testing procedures</i> |
| IEC 68-1:1978          | Part 1.1:1980 <i>General testing procedures</i><br>(Identical)                                                                                                                                              |
| IEC 68-2-6:1970        | Part 2.1Fc:1977 <i>Test Fc. Vibration (sinusoidal)</i><br>(Identical)                                                                                                                                       |
| IEC 68-2-13:1966       | Part 2.1M:1977 <i>Test M. Low air pressure</i><br>(Identical)                                                                                                                                               |
| IEC 68-2-20A:1970      | Part 2.1Tb:1977 <i>Test Tb. Soldering — resistance to soldering heat, Method 1</i><br>(Identical)                                                                                                           |

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## Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the CECC title pages, pages ii to iv, pages 1 to 10, an inside back cover 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.

European Committee for Electrotechnical Standardization (CENELEC)  
Cenelec Electronic Components Committee

**CECC**

English version

Harmonized System of Quality Assessment for  
Electronic Components

SECTIONAL SPECIFICATION:

**FIXED PRECISION  
RESISTORS**

Système Harmonisé d'Assurance de la Qualité  
des Composants Electroniques

SPECIFICATION INTERMEDIAIRE:

**RESISTANCES FIXES  
DE PRECISION**

Harmonisiertes Gütebestätigungssystem für  
Bauelemente der Elektronik

RAHMENSPEZIFIKATION:

**PRÄZISIONS-  
FESTWIDERSTÄNDE**



**2** Edition  
Issue  
Ausgabe

**CECC 40300**

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