
British Standard

**Harmonized system of quality
assessment for electronic components:
Sectional specification: Film resistor
networks (qualification approval)**

National foreword

This British Standard has been prepared under the direction of the Electronic Components Standards Policy Committee. It is identical with CENELEC Electronics Committee (CECC) 64100 : 1988 'Harmonized system of quality assessment for electronic components : Sectional specification : Film resistor networks (qualification approval)'.

This standard is a harmonized specification within the CECC system.

Cross-references. The British Standard which implements CECC 00100 is BS 9000 'General requirements for a system for electronic components of assessed quality' Part 2 : 1983 'Specification for national implementation of CECC basic rules and rules of procedure'.

International standard*	Corresponding British Standard
IEC 68	BS 2011 Environmental testing (Identical)
CECC 64000 : 1988	BS CECC 64000 : 1989 Harmonized system of quality assessment for electronic components. Generic specification : Film resistor networks (Identical)

The Technical Committee has reviewed the provisions of IEC 63 to which reference is made in the text and has decided that it is acceptable for use in conjunction with this standard. The related British Standard is BS 2488 'Schedule of preferred numbers for the resistance of resistors and the capacitance of capacitors for telecommunications equipment'.

Compliance with a British Standard does not in itself confer immunity from legal obligations.

*Undated in the text.

Amendment No. 1
published and effective from 15 July 1992
to BS CECC 64100 : 1990

Harmonized system of quality assessment for
electronic components:
Sectional specification: Film resistor networks
(qualification approval)

NOTE. This amendment implements Corrigendum 1 to CECC 64100 (Issue 1) : 1988.

Revised text

AMD 6922
July 1992

Table 1b – Differential resistance/temperature characteristics and temperature coefficients

In the column headed 'Reference temp./upper category temp. +20/+125', for differential temperature coefficient ± 10 , delete ' $\pm 0,011$ ' and substitute ' $\pm 0,11$ '.

In the column headed 'Reference temp./lower category temp. +20/-40', for differential temperature coefficient ± 100 , delete ' $\pm 5,6$ ' and substitute ' $\pm 0,56$ '.

AMD 6922
July 1992

Clause 2.2.5 Preferred values of ratings

In line 2, delete '2.2.7' and substitute '2.3.8'.

English version

Harmonized System of Quality Assessment for
Electronic Components

SECTIONAL SPECIFICATION

FILM RESISTOR NETWORKS

(QUALIFICATION APPROVAL)

Système Harmonisé d'Assurance de la Qualité
des Composants Electroniques

SPECIFICATION INTERMEDIAIRE

RESEAUX RESISTIFS A COUCHES

(HOMOLOGATION)

Harmonisiertes Gütebestätigungssystem für
Bauelemente der Elektronik

RAHMENSPEZIFIKATION

NETZWERKE AUS FESTWIDERSTÄNDEN IN SCHICHTTECHNIK

(BAUARTZULASSUNG)



1

Edition
Issue
Ausgabe

CECC 64 100

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FOREWORD

The CENELEC Electronic Components Committee (CECC) is composed of those member countries of the European Committee for Electrotechnical Standardization (CENELEC) who wish to take part in a harmonized System for electronic components of assessed quality.

The object of the System is to facilitate international trade by the harmonization of the specifications and quality assessment procedures for electronic components, and by the grant of an internationally recognized Mark, or Certificate, of Conformity. The components produced under the System are thereby accepted by all member countries without further testing.

This specification has been formally approved by the CECC, and has been prepared for those countries taking part in the System who wish to issue national harmonized specifications for FILM AND HYBRID INTEGRATED CIRCUITS. It should be read in conjunction with the current regulations for the CECC System.

At the date of printing of this specification, the member countries of the CECC are Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

PREFACE

This specification was prepared by CECC WG 21 : "HYBRID MICRO-CIRCUITS".

It is based, wherever possible, on the Publications of the International Electrotechnical Commission.

The text of this specification was circulated to the CECC for voting in the document indicated below and was ratified by the President of the CECC for printing as a CECC Specification.

<u>Document</u>	<u>Date of voting</u>	<u>Report on the voting</u>
CECC(Secretariat)1924	May 1986	CECC(Secretariat)2106

SECTION 1

SCOPE

This sectional specification applies to fixed film resistor networks the quality of which is assessed on the basis of qualification approval.

The resistor elements may be individually isolated or interconnected in any circuit configuration.

It selects preferred values for ratings and characteristics, from the appropriate tests and measuring methods in the generic specification CECC 64 000 and gives general performance requirements to be used in detail specifications for resistor networks derived from this specification.

Resistor networks can be qualified to this specification or to CECC 63 100.