

Harmonized system of quality assessment for electronic components: Sectional specification: Fixed mica dielectric d.c. capacitors

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- Electronic Components Industry Federation
- Electronic Engineering Association
- Ministry of Defence
- National Supervising Inspectorate
- Post Office
- Society of British Aerospace Companies Limited
- Telecommunication Engineering and Manufacturing Association (TEMA)

This British Standard, having been prepared under the direction of the Electronic Components Standards Committee, was published under the authority of the Board of BSI and comes into effect on 28 February 1983

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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) 31300:1982 “*Harmonized system of quality assessment for electronic components: Sectional specification: Fixed mica dielectric d.c. capacitors*” and Amendment No. 1.

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 9000 “*General requirements for a system for electronic components of assessed quality*” — Part 1 “*Specification of basic rules and rules of procedure*”.

International Standard	Corresponding British Standard
CECC 30000:1975	BS E9070:1975 <i>Harmonized system of quality assessment for electronic components. Generic specification for fixed capacitors</i> (Identical)
ISO 3:1973	BS 2045:1965 <i>Preferred numbers</i> (Technically equivalent)
ISO 1000:1973	BS 5555:1976 <i>SI units and recommendations for the use of their multiples and of certain other units</i> (Identical)
IEC 62:1974	BS 1852:1975 <i>Marking codes for resistors and capacitors</i> (Identical)
IEC 63:1963	BS 2488:1966 <i>Schedule of preferred numbers for the resistance of resistors and the capacitance of capacitors for telecommunication equipment</i> (Technically equivalent) BS 2011 <i>Basic environmental testing procedures</i>
IEC 68-1:1978	Part 1.1:1980 <i>General</i> (Identical)
IEC 68-2-21:1975	Part 2.1U:1977 <i>Test U. Robustness of terminations and integral mounting devices</i> (Identical)
IEC 68-2-30:1980	Part 2.1Db:1981 <i>Test Db and guidance: Damp heat, cyclic (12 + 12 hour cycle)</i> (Identical)

The reference to IEC 384-5, for which there is no corresponding British Standard, is for information only.

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, the CECC title page, pages ii to iv, pages 1 to 14, 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 MICA DIELECTRIC
D.C. CAPACITORS**

Système Harmonisé d'Assurance de la Qualité
des Composants Electroniques

SPECIFICATION INTERMEDIAIRE:
**CONDENSATEURS FIXES
A DIELECTRIQUE MICA
POUR COURANT CONTINU**

Harmonisiertes Gütebestätigungssystem für
Baelemente der Elektronik

RAHMENSPEZIFIKATION:
**FESTKONDENSATOREN
MIT
GLIMMERDIELEKTRIKUM**



1 Edition
Issue
Ausgabe

CECC 31300

1982

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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 FIXED MICA DIELECTRIC D.C. CAPACITORS. It should be read in conjunction with document CECC 00100: Basic Rules (1974).

At the date of printing of this document the member countries of the CECC are Belgium, Denmark, France, Germany, Ireland, Italy, the Netherlands, Norway, Sweden, Switzerland and the United Kingdom, and copies of it can be obtained from the addressees shown on the inside cover.

Preface

This sectional specification was prepared by CECC Working Group 3: Capacitors.

It is one of a series of sectional specifications all relating to the generic specification CECC 30000.

In accordance with the requirements of document CECC 00100 it is based, wherever possible, on the Recommendations of the International Electrotechnical Commission.

As there are more than nine sectional specifications related to CECC 30000: generic specification, Fixed Capacitors, the CECC Management Committee decided that these extra specifications should be numbered in the series 31100, 31200, 31300 etc. . . . There is no generic specification numbered 31000.

This specification is an example of this extended numbering series. It is based on CECC 30000 and all clause etc. cross references are based on this generic specification.

The text of this specification was circulated to the CECC for voting in the documents listed below and was ratified by the CECC Management Committee for printing as a CECC Specification:

Document	Voting Date	Report on the Voting
CECC(Secretariat)706	March 1979	CECC(Secretariat)783 and 783a

