

Harmonized system of quality assessment for electronic components Sectional specification: Low power single-turn rotary potentiometers

Cooperating organizations

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

- British Electrical and Allied Manufacturers Association
- 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*
- 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 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 October 1979

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The following BSI references relate to the work on this standard:
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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 41300 “*Harmonized system of quality assessment for electronic components. Sectional specification: Low power single turn rotary potentiometers*”.

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, without deviation, as a British Standard. 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 “*General requirements for electronic components of assessed quality harmonized with the CENELEC Electronic Components Committee System*” Part 1 “*Basic rules*”.

The following International Standards are referred to in the text and for each there is a corresponding British Standard; these are listed below:

International Standard	Corresponding British Standard
CECC 41000:1976	BS CECC 41000:1977 <i>Harmonized system of quality assessment for electronic components: Generic specification for potentiometers</i> (Identical)
IEC 68-1:1968	BS 2011 <i>Basic environmental testing procedures</i> Part 1.1:1977 <i>General</i> (Identical)
IEC 68-2-6:1970	BS 2011 <i>Basic environmental testing procedures</i> Part 2.1Fc:1977 <i>Test Fc: Vibration (sinusoidal)</i> (Identical)
IEC 68-2-13:1966	BS 2011 <i>Basic environmental testing procedures</i> Part 2.1M:1977 <i>Test M: Low air pressure</i> (Identical)
IEC 68-2-14:1974	BS 2011 <i>Basic environmental testing procedures</i> Part 2.1N:1977 <i>Test N: Change of temperature</i> (Identical)
IEC 68-2-20:1968	BS 2011 <i>Basic environmental testing procedures</i> Part 2.1Ta:1977 <i>Test Ta: Solderability</i> (Identical)
IEC 68-20A:1970	BS 2011 <i>Basic environmental testing procedures</i> Part 2.1Tb:1977 <i>Test Tb: Soldering — resistance to soldering heat, Method 1</i> (Identical)
IEC 68-2-27:1972	BS 2011 <i>Basic environmental testing procedures</i> Part 2.1Ea:1977 <i>Test Ea: Shock</i> (Identical)
IEC 68-2-29:1968	BS 2011 <i>Basic environmental testing procedures</i> Part 2.1Eb:1977 <i>Test Eb: Bump</i> (Identical)

At present there is no corresponding British Standard for IEC 393-1. IEC 393-1 is referred to in the text for information purposes 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 to iv, the CECC title page, pages ii to iv, pages 1 to 20, 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:
**LOW POWER SINGLE TURN
ROTARY POTENTIOMETERS**

Système Harmonisé d'Assurance de la Qualité
des Composants Electroniques

SPECIFICATION INTERMEDIAIRE:
**POTENTIOMETRES ROTATIFS
MONOTOUR DE FAIBLE
DISSIPATION**

Harmonisiertes Gütebestätigungssystem für
Bauelemente der Elektronik

RAHMENSPEZIFIKATION:
**NIEDRIG BELASTBARE
1-GANG-DREHPOTENTIOMETER**



1 Edition
Issue
Ausgabe

CECC 41300

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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 document has been formally approved by the CECC, and has been prepared for those member countries taking part in the System who wish to issue national harmonized specifications for LOW POWER SINGLE TURN ROTARY POTENTIOMETERS. It should be read in conjunction with document CECC 00100: *Basic Rules* (1974).

Preface

This sectional specification was prepared by CECC Working Group 4: “Resistors”. In accordance with the requirements of document CECC 00100 it is based, wherever possible, on the Recommendations of the International Electrotechnical Commission and in particular on IEC Publication 393-1: *Potentiometers*.

Part 1: *Terms and methods of test*.

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

Document	Voting date
CECC(Secretariat)220	19 April 1974
CECC(Secretariat)355	28 April 1975
CECC(Secretariat)437	27 February 1976