

Specification for Harmonized system of quality assessment for electronic components Blank detail specification

LOW POWER SINGLE TURN ROTARY POTENTIOMETERS
(ASSESSMENT LEVEL M)

Système harmonisé d'assurance de la qualité des composants électroniques
Spécification particulière cadre

Potentiomètres rotatifs monotour à faible dissipation
(Niveau d'assurance de qualité M)

Harmonisiertes Gütebestätigungssystem für Bauelemente der Elektronik
Vordruck für Bauartspezifikation

Niedrig Belastbare 1-Gang-Drehpotentiometer
(Gütebestätigungsstufe M)

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British Standards Institution

English version

Harmonized System of Quality Assessment for
Electronic Components

BLANK DETAIL SPECIFICATION:

LOW POWER SINGLE TURN ROTARY POTENTIOMETERS

(Assessment level M)

Système Harmonisé d'Assurance de la Qualité
des Composants Electroniques

SPECIFICATION PARTICULIERE CADRE:

POTENTIOMETRES ROTATIFS MONOTOUR DE FAIBLE DISSIPATION

(Niveau d'assurance de qualité M)

Harmonisiertes Gütebestätigungssystem für
Bauelemente der Elektronik

VORDRUCK FÜR
BAUARTSPEZIFIKATION:

NIEDRIG BELASTBARE 1-GANG- DREHPOTENTIOMETER

(Gütebestätigungsstufe M)

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Edition
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CECC 41302

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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 41302 'Blank detail specification : Low power single turn rotary potentiometers (assessment level M)'.

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 Harmonized system of quality assessment for electronic components: Generic specification for Potentiometers
(Identical)

CECC 41300:1979

BS CECC 41300:1979 Harmonized system of quality assessment for electronic components. Sectional specification: Low power single-turn rotary potentiometers
(Identical)

Scope. This standard lists the ratings, characteristics and inspection requirements which shall be included as mandatory requirements in accordance with BS CECC 41300.

Detail specification layout. In the event of conflict between the requirements of this specification and the provisions of BS E9000 the latter shall take precedence except the front page layout will be in accordance with BS 9000 Circular Letter No 15 dated August 1977.

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 (Assessment level M). It should be read in conjunction with document CECC 00 100: Basic Rules (1974).

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

PREFACE

This blank detail specification was prepared by CECC Working Group 4: "Resistors".

In accordance with the requirements of document CECC 00 100 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 blank detail 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.

<u>Document</u>	<u>Voting date</u>
CECC(Secretariat)437	27 February 1976
CECC(Secretariat)440	27 February 1976

The text of this document contains the grammatically correct French title which was received after the covers and titles pages had been printed. Future issues of this specification will be correctly titled in French: "Potentiomètres rotatifs monotours à faible dissipation".

KEY FOR PAGE 3

The numbers between square brackets on page 3 correspond to the following indications which should be given :

Identification of the harmonized detail specification

- [1] The name of the National Standards Organization under whose authority the detail specification is drafted
- [2] The CECC Symbol and the number allotted to the national detail specification by the CECC General Secretariat
- [3] The number and issue number of the national generic and sectional specifications
- [4] The national number of the detail specification, date of issue and further information required by the national system, together with any amendment numbers, if issued.

Identification of the potentiometer

- [5] A short description of the type of potentiometer and type number
- [6] Information on typical construction (where applicable) for example: non-wirewound, single turn rotary.
- [7] An outline drawing with main dimensions which are of importance for interchangeability. Alternatively, this drawing may be given in an appendix to the detail specification.
- [8] The application or group of applications covered or, preferably, the level of quality assessment covered by the blank detail specification.
- [9] Brief information on the most important properties of the potentiometer to allow comparison between the various potentiometer types intended for the same, or for similar applications.