Blank Detail Specification: Fixed low power wirewound surface mount (SMD) resistors

EESTI STANDARDIKESKUS
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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 140402:2015 sisaldab Euroopa standardi EN 140402:2015 ingliskeelset teksti.	This Estonian standard EVS-EN 140402:2015 consists of the English text of the European standard EN 140402:2015.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 03.04.2015.	Date of Availability of the European standard is 03.04.2015.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile standardiosakond@evs.ee.

ICS 31.040.10

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 140402

April 2015

ICS 31.040.10

Supersedes EN 140402:1998

English Version

Blank Detail Specification: Fixed low power wirewound surface mount (SMD) resistors

Spécification particulière cadre: Résistances fixes bobinées à faible dissipation pour montage en surface (CMS)

Vordruck für Bauartspezifikation: Oberflächenmontierbare drahtgewickelte Festwiderstände (SMD) niedriger Belastbarkeit

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Ref. No. EN 140402:2015 E

Contents

Foreword

This document (EN 140402:2015) has been prepared by CLC/TC 40XB, "Resistors".

The following dates are fixed:

• latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement	(dop)	2015-12-15
• latest date by which the national standards conflicting with this document have to be withdrawn	(dow)	2017-12-15

This document supersedes EN 140402:1998.

EN 140402:2015 includes the following significant technical changes with respect to EN 140402:1998:

– introduction of a test on the resistance to electrostatic discharge (ESD) in 1.7 and Annex A;

– introduction of code letters for the temperature coefficient (TCR) as in EN 60062:2005;

– revision of ordering information in 1.10.4;

– adoption of the IECQ rules of procedure according to QC 001002-3:2005;

– revision of the sample quantities and the sequence of tests in Annex A;

– editorial revision.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

This specification supports the building of a series of documents describing fixed low power wire wound surface mount (SMD) resistors as follows:

– EN 60115-1, *Fixed resistors for use in electronic equipment — Part 1: Generic specification (IEC 60115-1, modified)*

– EN 60115-8, *Fixed resistors for use in electronic equipment — Part 8: Sectional specification — Fixed surface mount resistors (IEC 60115-8, modified)*

– EN 140402-8xx, *Detail specification: Fixed low power wirewound surface mount (SMD) resistors — .....*

Any detail specification within this series is written on the basis of this blank detail specification.

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Introduction

Blank detail specification

A blank detail specification is a supplementary document to the sectional specification and contains requirements for style and layout and minimum content of detail specifications. Detail specifications not complying with these requirements should not be considered as being in accordance with European Standards nor should they be so described.

In the preparation of the detail specification the content of EN 60115-8:2012, 1.4 should be taken into account.

The detail specification should be written by using the preferred values given in EN 60115-8.

The detail specification should contain a table of contents prior the first page of the actual specification. For the use of SI units refer to EN ISO 80000-1, for the use of letter symbols to be used in electrical technology, refer to EN 60027-1.

This Blank Detail Specification uses two different kinds of notes:

– NOTE for notes which give additional information intended to assist the understanding or use of the resulting document and therefore should be copied as NOTE into the drafted Detail Specification.

– NOTE (ed) for editorial notes which are intended to aid and direct the specification writer and therefore should not be copied into the drafted Detail Specification.

Identification of the detail specification and the component

The first page of the detail specification should have the layout recommended on page 6.

The numbers in square brackets correspond to the indications to be completed thereunder:

[1] the name of the Standardisation Organisation under whose authority the detail specification is published and if applicable, the organisation from whom the detail specification is available;

[2] the CECC symbol and the number allocated to the detail specification by the CENELEC General Secretariat;

[3] the number and issue number of the EN generic and sectional specification as relevant; also national reference if different;

[4] the national number of the detail specification, date of issue and any further information required by the national system, together with any amendment numbers, if different from the EN number;

[5] a brief description of the component or range of components;

[6] information on typical construction (where applicable);

[7] an outline drawing with the main dimensions which are of importance for interchangeability and/or reference to the appropriate national or international document for outlines. Alternatively, this drawing may be given in an annex to the detail specification;

[8] the level of quality assessment covered by the detail specification.

For [5] and [6] the text to be given in the detail specification should be suitable for an entry in a register of approvals and the “CENELEC Catalogue of European Standards”.