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NSAI Standards

Irish Standard
I.S. EN 140402-801:2015

Detail specification: Fixed low power wirewound surface mount (SMD) resistors - Rectangular - Stability classes 0,5; 1; 2

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 140402-801

April 2015

ICS 31.040.10

Supersedes EN 140402-801:2005

English Version

Detail specification: Fixed low power wirewound surface mount (SMD) resistors - Rectangular - Stability classes 0,5; 1; 2

Spécification particulière: Résistances fixes bobinées à faible dissipation pour montage en surface (CMS) - Rectangulaire - Catégories de stabilité 0,5; 1; 2

Bauartspezifikation: Oberflächenmontierbare drahtgewickelte Festwiderstände (SMD) niedriger Belastbarkeit - Rechteckig - Stabilitätsklassen 0,5; 1; 2

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Foreword

This document (EN 140402-801:2015) 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• latest date by which the national standards conflicting with this document have to be withdrawn	(dow)	2017-12-15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 European Standard supersedes EN 140402-801:2005.

Preceding document on the subject covered by this specification has been:

– CECC 40 402-801:2000-02.

EN 140402-801:2015 includes the following significant technical changes with respect to EN 140402-801:2005:

– adoption of P_{70} as the rated dissipation, leaving the prior used P_{25} as an additional information;

– for style RW1607M, increase of P_{70} to 2,4 W, with P_{25} = 3,0 W;

– 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 is part 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 60116-8, modified)*

– This detail specification.

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

– EN 140402, *Blank Detail Specification: Fixed low power wirewound surface mount (SMD) resistors*.

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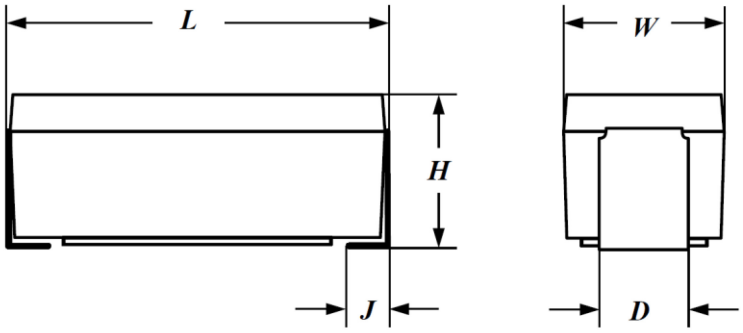
Specification available from CENELEC Central Secretariat, Avenue Marnix 17, B – 1000 Brussels, or from the National Committees members of CENELEC	**EN 140402-801**
Electronic components of assessed quality in accordance with: EN 60115-1:2011 EN 60115-8:2012 EN 140402:2015	**Issue 2** April 2015
 Other shapes are permitted within the given dimensions. **Figure 1 — Outline and dimensions (see Table 1)**	Fixed low power wire wound resistors with rectangular base for surface mounting. Style: RW Wire wound, insulated resistor with end terminations for application on printed board and flexible foils. Assessment level EZ [a] Level P: with 100 %-test Level R: with failure rate level and 100 %-test Stability classes 0,5; 1 and 2
[a] See 2.1.1 for an explanation on the assessment level EZ.	

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