



**NSAI**  
Standards

Irish Standard  
I.S. EN 140401-801:2007

Detail specification: Fixed low power  
film SMD resistors - Rectangular -  
Stability classes 0,1; 0,25; 0,5; 1

## I.S. EN 140401-801:2007

*Incorporating amendments/corrigenda issued since publication:*

EN 140401-801:2007/A1:2013

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 140401-801/A1**

November 2013

ICS 31.040.10

English version

**Detail specification: Fixed low power film SMD resistors -  
Rectangular -  
Stability classes 0,1; 0,25; 0,5; 1**

Spécification particulière: Résistances  
couche fixes à faible dissipation CMS -  
Rectangulaires -  
Catégories de stabilité 0,1; 0,25; 0,5; 1

Bauartspezifikation: SMD Schicht-  
Festwiderstände niedriger Belastbarkeit -  
Rechteckig -  
Stabilitätsklassen 0,1; 0,25; 0,5; 1

This amendment A1 modifies the European Standard EN 140401-801:2007; it was approved by CENELEC on 2013-10-14. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment the status of a national standard without any alteration.

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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**

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## **Foreword**

This document (EN 140401-801:2007/A1:2013) 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) 2014-10-14
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2016-10-14

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EUROPEAN STANDARD

**EN 140401-801**

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2007

ICS 31.040.10

Supersedes EN 140401-801:2002 + A1:2003

English version

**Detail specification:  
Fixed low power film SMD resistors -  
Rectangular -  
Stability classes 0,1; 0,25; 0,5; 1**

Spécification particulière:  
Résistances couche fixes  
à faible dissipation CMS -  
Rectangulaires -  
Catégories de stabilité 0,1; 0,25; 0,5; 1

Bauartspezifikation:  
SMD Schicht-Festwiderstände  
niedriger Belastbarkeit -  
Rechteckig -  
Stabilitätsklassen 0,1; 0,25; 0,5; 1

This European Standard was approved by CENELEC on 2007-05-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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**CENELEC**

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

**Central Secretariat: rue de Stassart 35, B - 1050 Brussels**

## Foreword

This European Standard was prepared by the Technical Committee CENELEC TC 40XB, Resistors.

The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC as EN 140401-801 on 2007-05-01.

This European Standard supersedes EN 140401-801:2002 + A1:2003.

The preceding document on the subject covered by this specification has been CECC 40 401-801:1998.

Compared to the superseded standard, the following changes have been implemented:

- modification of the title;
- introduction of a test on the resistance to electrostatic discharge in 1.6 and Annex A;
- introduction of description and test methods for lead-free soldering in 1.8, 1.10.3 and Annex A;
- introduction of the code letters for temperature coefficient as given in EN 60062;
- revision of the ordering information in 1.9.4;
- revised information on pulse load capability in 1.10.6;
- revised information on resistance value drift in 1.10.7;
- revised information on current noise in 1.10.9;
- adoption of the IECQ rules of procedure, QC 001002-3;
- revision of the sample quantities and the sequence of tests in Annex A;
- editorial revision.

The following dates were fixed:

- |  |                       |
|--|-----------------------|
| – latest date by which the EN has to be implemented<br>at national level by publication of an identical<br>national standard or by endorsement | (dop)      2008-05-01 |
| – latest date by which the national standards conflicting<br>with the EN have to be withdrawn  | (dow)      2010-05-01 |

This specification is part of four documents describing fixed resistors for surface mount technology as follows:

EN 60115-1	Fixed resistors for use in electronic equipment - Part 1: Generic specification (IEC 60115-1, mod.)
EN 140400	Sectional specification: Fixed low power surface mount (SMD) resistors
EN 140401	Blank Detail Specification: Fixed low power non wire-wound surface mount (SMD) resistors
EN 140401-801	Detail specification: Fixed low power film SMD resistors - Rectangular - Stability classes 0,1; 0,25; 0,5; 1

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