



**SLOVENSKI STANDARD**  
**SIST EN 140401-803:2008/A2:2013**  
**01-september-2013**

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**Podrobna specifikacija: Fiksni folijski upori majhnih moči za površinsko montažo - Valjasti - Razredi stabilnosti 0,05; 0,1; 0,25; 0,5; 1; 2**

Detail specification: Fixed low power film SMD resistors - Cylindrical - Stability classes 0,05; 0,1; 0,25; 0,5; 1; 2

Bauartspezifikation: SMD Schicht-Festwiderstände niedriger Belastbarkeit - Zylindrisch - Stabilitätsklassen 0,05; 0,1; 0,25; 0,5; 1; 2

Spécification particulière: Résistances couche fixes à faible dissipation CMS - Cylindriques - Classes de stabilité 0,05; 0,1; 0,25; 0,5; 1; 2

[https://standards.iteh.ai/catalog/standards/sist/9c70d969-393c-4ddc-963b-](https://standards.iteh.ai/catalog/standards/sist/9c70d969-393c-4ddc-963b-ea0687882664/sist-en-140401-803-2008-a2-2013)

**Ta slovenski standard je istoveten z: EN 140401-803:2007/A2:2013**

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**ICS:**

31.040.10      Fiksni upor      Fixed resistors

**SIST EN 140401-803:2008/A2:2013      en**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 140401-803/A2**

June 2013

ICS 31.040.10

English version

**Detail specification: Fixed low power film SMD resistors -  
Cylindrical -  
Stability classes 0,05; 0,1; 0,25; 0,5; 1; 2**

Spécification particulière: Résistances  
couche fixes à faible dissipation CMS -  
Cylindriques -  
Classes de stabilité 0,05; 0,1; 0,25; 0,5; 1;  
2

Bauartspezifikation: SMD Schicht-  
Festwiderstände niedriger Belastbarkeit -  
Zylindrisch -  
Stabilitätsklassen 0,05; 0,1; 0,25; 0,5; 1; 2

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This amendment A2 modifies the European Standard EN 140401-803:2007; it was approved by CENELEC on 2012-12-24. 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.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This amendment exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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**CENELEC**

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

**Management Centre: Avenue Marnix 17, B - 1000 Brussels**

## Foreword

This document (EN 140401-803:2007/A2:2013) has been prepared by CLC/TC 40XB "Resistors".

The following dates are fixed:

- latest date by which this document has to be implemented at (dop) 2013-12-24  
national level by publication of an identical national standard  
or by endorsement
- latest date by which the national standards conflicting with this (dow) 2015-12-24  
document have to be withdrawn

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.

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## General

In the whole text, **replace** :

- all occurrences of "RC 2211M" with " RC2211M";
- all occurrences of "RC 3715M" with " RC3715M";
- all occurrences of "RC 6123M" with " RC6123M".

## 1.1 Dimensions and ratings

**Replace** Table 1 by the following:

**Table 1 – Style and dimensions**

Style		Length $L$ mm		Diameter $D$ mm		Cap length $l$ mm		$t_1$ mm	$t_2$ mm	Mass <sup>b</sup> mg
metric	DIN <sup>a</sup>	min.	max.	min.	max.	min.	max.	max.	max.	max.
RC2211M	0102	2,0	2,2	1,0	1,1	0,35	0,45	0,05	0,05	8
RC3715M	0204	3,4	3,7	1,3	1,5	0,50	0,90	0,10	0,05	22
RC6123M	0207	5,5	6,1	2,0	2,3	0,80	1,40	0,20	0,05	80

<sup>a</sup> Historical style codes, for information only.

<sup>b</sup> For information only.

### 1.9.4 Ordering information

- **Replace** the 7<sup>th</sup> dash by: [SIST EN 140401-803:2008/A2:2013](https://standards.iteh.ai/catalog/standards/sist/9c70d969-393c-4ddc-963b-ca0687882664/sist-en-140401-803-2008-a2-2013)
- failure rate level (only Version E, "E0" for Version A);
- In all the examples of the ordering information, **replace** "EN 140401-803" with "EN140401-803".
- In the last paragraph, **replace** the line explaining "33K2" with:  
"33K2 Resistance value, RKM code system according to EN 60062, 4 characters;"
- After the last paragraph, **add** the following sentence:  
"The ordering information used for electronic order processing shall not contain any spaces."

In 2.1.2.2, 1<sup>st</sup> dash, **replace** "NSI" by "IECQ Certification Body"

### 2.3.2 Technology approval according to QC 001002-3, Clause 6

- In the second paragraph, **replace** "National Supervising Inspectorate (NSI)" by " IECQ Certification Body (IECQ CB)";
- In the first dash, **replace** "NSI" by "IECQ CB".

## B.2 Abbreviations

- **Add** a new entry after "HBM":  
IECQ CB IECQ Certification Body
- **Add** a note to the entry for "NSI":

NOTE 1 IECQ 01, IEC Quality Assessment System for Electronic Components (IECQ Scheme) – Basic Rules, has implemented in its 2007-12 revision a change of the term Supervising Inspectorate to IECQ Certification Body (IECQ CB).

- **Add a new entry after "NSI" and a note:**

ONS                    Organisme National de Surveillance (National Supervising Inspectorate)

NOTE 2 This term has been used in specifications prior to the using the term National Supervising Inspectorate (NSI).

- **Add a new entry after "ρ" and notes:**

RKMG code system                    Coding system for resistance values, where the SI prefix indicating the decimal multiple of the unit Ohm is used to replace the decimal sign.

NOTE 3 The code characters R, K, M, G are written in upper case, even though the SI prefix for kilo ( $10^3$ ) is a lower case k.

NOTE 4 The RKMG code system is not prescribed to provide a code of a fixed length. However, trailing zeros can be used to fill to a fixed length, if required.

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