



SLOVENSKI STANDARD
SIST EN 140401-802:2008/A1:2010
01-december-2010

Podrobna specifikacija: Fiksni folijski upori majhnih moči za površinsko montažo - Pravokotni - Razreda stabilnosti 1; 2 - Dopolnilo A1

Detail specification: Fixed low power film SMD resistors - Rectangular - Stability classes 1; 2

Bauartspezifikation: SMD Schicht-Festwiderstände niedriger Belastbarkeit - Rechteckig - Stabilitätsklassen 1; 2

Spécification particulière: Résistances couche fixes à faible dissipation CMS - Rectangulaires - Catégories de stabilité 1; 2

<https://standards.iteh.ai/catalog/standards/sist/b9fad72e-9b97-46dc-813d-560a45dba40d/sist-en-140401-802-2008-a1-2010>

Ta slovenski standard je istoveten z: EN 140401-802:2007/A1:2010

ICS:

31.040.10 Fiksni upor Fixed resistors

SIST EN 140401-802:2008/A1:2010 en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 140401-802/A1

October 2010

ICS 31.040.10

English version

**Detail specification: Fixed low power film SMD resistors -
Rectangular -
Stability classes 1; 2**

Spécification particulière: Résistances
couche fixes à faible dissipation CMS -
Rectangulaires -
Catégories de stabilité 1; 2

Bauartspezifikation: SMD Schicht-
Festwiderstände niedriger Belastbarkeit -
Rechteckig -
Stabilitätsklassen 1; 2

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This amendment A1 modifies the European Standard EN 140401-802:2007; it was approved by CENELEC on 2010-10-01. 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. <https://standards.iteh.ai/catalog/standards/sist/b9fad72e-9b97-46dc-813d-560a45dba40d/sist-en-140401-802-2008-a1-2010>

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat 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 Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

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 amendment 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 amendment A1 to EN 140401-802:2007 on 2010-10-01.

The following dates were fixed:

- latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2011-10-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2013-10-01

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Text of A1 to EN 140401-802:2007

1.6 Limits for change of resistance at tests

Replace Table 7a by:

Table 7a – Limits for change of resistance at tests

Stability class	Limit of resistance change ΔR			
	EN 60115-1, 4.23 Climatic sequence 4.24 Damp heat, steady state 4.25.3 Endurance at upper category temperature	EN 60115-1, 4.25.1 Endurance at 70 °C 1 000 h	Extended, 8 000 h	EN 60115-1, 4.13 Overload 4.18 Resistance to soldering heat 4.19 Rapid change of temperature, 5 cycles 4.22 Vibration 4.33 Substrate bending
2	$\pm (2 \% R + 0,1 \Omega)$	$\pm (2 \% R + 0,1 \Omega)$	$\pm (4 \% R + 0,1 \Omega)^a$	$\pm (0,5 \% R + 0,05 \Omega)$
1	$\pm (1 \% R + 0,05 \Omega)$	$\pm (1 \% R + 0,05 \Omega)$	$\pm (2 \% R + 0,05 \Omega)$	$\pm (0,25 \% R + 0,05 \Omega)$

^a Tightening of the general definition of stability classes against the requirements of EN 140400, 2.1.4.

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Bibliography

Add:

EN 60068-2-20, *Environmental testing – Part 2-20: Tests – Test T: Test methods for solderability and resistance to soldering heat of devices with leads* (IEC 60068-2-20)

Replace reference to EN 61193-2 by:

EN 61193-2, *Quality assessment systems – Part 2: Selection and use of sampling plans for inspection of electronic components and packages* (IEC 61193-2)

Delete footnote 1).