



SLOVENSKI STANDARD SIST EN IEC 62024-1:2018

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Visokofrekvenčne induktivne komponente - Električne karakteristike in merilne metode - 1. del: Čipni induktor v območju nanohenrijev

High frequency inductive components - Electrical characteristics and measuring methods - Part 1: Nanohenry range chip inductor

Induktive Hochfrequenz-Bauelemente - Elektrische Eigenschaften und Messmethoden - Teil 1: Chipinduktivitäten im Nanohenry-Bereich

Composants inductifs à haute fréquence - Caractéristiques électriques et méthodes de mesure - Partie 1: Inductance à puce de l'ordre du nanohenry

Ta slovenski standard je istoveten z: EN IEC 62024-1:2018

ICS:

29.100.10 Magnetne komponente Magnetic components

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High frequency inductive components - Electrical characteristics and measuring methods - Part 1: Nanohenry range chip inductor (IEC 62024-1:2017)

Composants inductifs à haute fréquence - Caractéristiques électriques et méthodes de mesure - Partie 1: Inductance à puces de l'ordre du nanohenry (IEC 62024-1:2017)

Induktive Hochfrequenz-Bauelemente - Elektrische Eigenschaften und Messmethoden - Teil 1: Chipinduktivitäten im Nanohenry-Bereich (IEC 62024-1:2017)

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN IEC 62024-1:2018 (E)**European foreword**

The text of document 51/1187/CDV, future edition 3 of IEC 62024-1, prepared by IEC/TC 51 "Magnetic components, ferrite and magnetic powder materials" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62024-1:2018.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2018-10-17
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2021-01-17

This document supersedes EN 62024-1:2008.

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Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61249-2-7	-	Materials for printed boards and other interconnecting structures -- Part 2-7: Reinforced base materials, clad and unclad - Epoxide woven E-glass laminated sheet of defined flammability (vertical burning test), copper-clad	EN 61249-2-7	-
IEC 62025-1	-	High frequency inductive components - Non-electrical characteristics and measuring methods -- Part 1: Fixed, surface mounted inductor for use in electronic and telecommunication equipment	EN 62025-1	-
ISO 6353-3	-	Reagents for chemical analysis; Part 3 : Specifications; Second series	-	-
ISO 9453	-	Soft solder alloys - Chemical compositions and forms	EN ISO 9453	-

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High frequency inductive components – Electrical characteristics and measuring methods –
Part 1: Nanohenry range chip inductor

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**HIGH FREQUENCY INDUCTIVE COMPONENTS –
ELECTRICAL CHARACTERISTICS AND MEASURING METHODS –****Part 1: Nanohenry range chip inductor**

FOREWORD

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International Standard IEC 62024-1 has been prepared by IEC technical committee 51: Magnetic components, ferrite and magnetic powder materials.

This third edition cancels and replaces the second edition published in 2008. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) addition of voltage-drop method of DC resistance measuring;
- b) unification of technical terms.

The text of this International Standard is based on the following documents:

CDV	Report on voting
51/1187/CDV	51/1202/RVC

Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts of the IEC 62024 series, published under the general title *High frequency inductive components – Electrical characteristics and measuring methods*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

A bilingual version of this publication may be issued at a later date.

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