SLOVENSKI STANDARD
SIST EN 129201:2002

01-september-2002

Blank detail specification: Wire wound inductors with ceramic or ferrite core - Assessment level E

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Vordruck für Bauartspezifikation: Drahtgewickelte Spulen mit Keramik- oder Ferritkern - Gütebestätigungsstufe E

Spécification particulière cadre: (n'existe pas en français)

Ta slovenski standard je istoveten z: EN 129201:1994

ICS:

31.220.99	Druge elektromehanske komponente	Other electromechanical components

SIST EN 129201:2002 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 129201

July 1994

+ A1

August 1995

Descriptors: Quality, electronic components, inductors

English version

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(Enthält Änderung A1:1995)

This European Standard was approved by the CENELEC Electronic Components Committee (CECC) on 9 August 1993. 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.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the General Secretariat of the CECC or to any CENELEC member.

This European Standard 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 CECC General Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom. The membership of the CECC is identical, with the exception of the national electrotechnical committees of Greece, Iceland and Luxembourg.

CECC

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

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

Ref. No. EN 129201:1994 + A1:1995 E

Foreword

The CENELEC Electronic Components Committee (CECC) is composed of those member countries of the European Committee for Electrotechnical Standardization (CENELEC) who wish to take part in a harmonized System for electronic components of assessed quality.

The object of the System is to facilitate international trade by the harmonization of the specifications and quality assessment procedures for electronic components, and by the grant of an internationally recognized Mark, or Certificate, of Conformity. The components produced under the System are thereby acceptable in all member countries without further testing.

This specification was prepared by the German ONH under the Single Originator Procedure for approval and publication of CECC specifications (see RP 11-V).

The text of the draft based on document CECC(Secretariat)3265/01.93 was submitted to the formal vote; together with the voting report, circulated as document CECC(Secretariat)3386/07.93, it was approved by CECC as EN 129201 on 9 August 1993.

The following dates were fixed:

- latest date of announcement of the EN at national level (doa) 1993-11-08
- latest date of publication of an identical national standard (dop) 1994-05-08
- latest date of withdrawal of conflicting national standards (dow) 1995-05-08

Foreword to amendment A1

This amendment was prepared by Working Group CLC/TC CECC/WG DE.

The text of the draft based on document CECC(Secretariat)3589 was submitted to the formal vote; together with the voting report, circulated as document CECC(Secretariat)3638, it was approved as amendment A1 to EN 129201:1994 on 1994-12-28.

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) 1995-10-24
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 1996-10-24

Identification of the detail specification (DS) and the component

The first page of the DS should have the layout recommended on page 4. The numbers in square brackets correspond to the indications to be completed thereunder:

[1] The name of the National Standards Organization under whose authority the DS is published and, if applicable, the organization from whom the DS is available

[2] The CECC symbol and the number allotted to the DS by the CECC General Secretariat

[3] The number and year of publication of the EN generic and sectional specification as relevant; also national reference if different

[4] If different from the CECC number, the national number of the DS, date of issue and any further information required by the national system, together with any amendment numbers

[5] A brief description of the component or range of components

[6] Information on typical construction (where applicable)

[7] An outline drawing with main dimensions which are of importance for interchangeability, and/or reference to the appropriate national or international document for outlines. Alternatively, this drawing may be given in an annex to the DS, but [7] should always contain an illustration of the general outer appearance of the component

[8] The level(s) of quality assessment covered by the DS

[9] Reference data giving, information on the most important properties of the component which allow comparison between the various component types intended for the same, of for similar, applications

For [5] and [6] the text to be given in the DS should be suitable for an entry in CECC 00200 (Register of Approvals) and CECC 00301 (Register of CECC Specifications and Related Detail Specifications).

Specification available from: [1]	CECC 29201-xxx [2]
ELECTRONIC COMPONENTS OF ASSESSED QUALITY — DETAIL SPECIFICATION IN ACCORDANCE WITH: EN 129000:1993 EN 129200:1994 [3]	[4]
Outline and dimensions: [7] (First angle projection)	DETAIL SPECIFICATION FOR WIREWOUND INDUCTORS WITH CERAMIC OR FERRITE CORE [5]
	TYPICAL CONSTRUCTION [6] (Examples): axial/radial terminations
	Assessment level E [8]
	[9]

QUICK REFERENCE DATA: Rated inductance range, inductance tolerance, rated current, climatic category, performance grade

Information about manufacturer who have components qualified to this detail specification is available in the current CECC 00200.

Contents

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1 General data

1.1 Recommended method of mounting

The inductors are mounted by their terminations. See **1.3.2** of the sectional specification EN 129200:1994.

1.2 Dimensions

Table 1

Case size reference	Dimensions (in mm)							
	ϕ	L	d					

NOTE The dimensions shall be given as maximum dimensions or as nominal dimensions with a tolerance.

1.3 Ratings and characteristics

Rated inductance range (see Table 2)
Tolerance of rated inductance .....
Q-factor]
D.C. resistance] (see Table 2)
Self-resonant frequency]
Rated current]
Climatic category .....
Rated temperature .....

Table 2

L_R nH	f_L MHz	$Q_{min.}$	f_Q MHz	$R_{max.}$ Ω	$f_{res\ min.}$ MHz	I_R mA	I_{CR} mA	Type of Core-material

I_{CR} : incremental current
I_R : rated current
L_R : rated inductance
Q : quality factor
R : D.C. resistance

f_L : measuring frequency for inductance
f_Q : measuring frequency for Q
f_{res} : resonant frequency

1.4 Related documents

Generic specification : EN 129000:1993
Sectional specification: EN 129200:1994