

**Harmonized system of quality
assessment for electronic components**

Sectional specification —

**Magnetic oxide ring cores for
interference suppression and low level
signal transformer applications**

The European Standard EN 125500:1996 has the status of a
British Standard

ICS 29.100.10

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee EPL/51, Transformers, inductors, magnetic components and ferrite materials, upon which the following bodies were represented:

- Federation of the Electronics Industry
- Ministry of Defence
- National Supervising Inspectorate (BSI-PC)

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National foreword

This British Standard has been prepared by Technical Committee EPL/51, and is the English language version of EN 125500:1996: *Sectional specification: Magnetic oxide ring cores for interference suppression and low level signal transformer applications* published by the Electronic Components Committee (CECC) of the European Committee for Electrotechnical Standardization (CENELEC).

EN 125500 has been prepared by the Technical Committee CENELEC/TC CECC/SC 51X, Magnetic components: Cores and soft magnetic materials, and the United Kingdom participation in the drafting of this standard was provided by Technical Committee EPL/51 Transformers, inductors, magnetic components and ferrite materials.

Cross-references

Publication referred to	Corresponding British Standard
CECC 25000:1976	BS CECC 25000:1977 <i>Specification for harmonized system of quality assessment for electronic components: Generic specification: Inductor and transformer cores for telecommunications</i>
CECC 25300:1980	BS CECC 25300:1981 <i>Harmonized system of quality assessment for electronic components: sectional specification: magnetic oxide cores for power applications</i>
(EN 60068-1:1994 (IEC 68-1:1988 ¹⁾)	BS EN 60068 <i>Environmental testing</i> BS EN 60068-1:1995 <i>General and guidance</i>
IEC 205:1966	BS 6454:1983 <i>Method for calculation of the effective parameters of magnetic piece parts</i>
IEC 205A:1968	
IEC 205B:1974	
IEC 367	BS 5938 <i>Cores for inductors and transformers for telecommunications</i>
IEC 367-1:1982	Part 1:1984 <i>Methods of measurement</i>
IEC 367-2:1974	Part 2:1980 <i>Guide to the drafting of performance specifications</i>
IEC 424:1973	BS 6786:1986 <i>Guide to the specification of limits for physical imperfections of parts made from magnetic oxides</i>

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 12, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

¹⁾ The text refers to IEC 68-1.

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Descriptors: Magnetic oxide ring cores, interference suppression, low level signal transformer, identification, marking, characteristics

English version

Sectional specification:
Magnetic oxide ring cores for interference suppression and
low level signal transformer applications

Spécification intermédiaire:
Noyaux toriques en oxyde magnétique pour
applications d'antiparasitage et
transformateurs faibles signaux

Rahmenspezifikation:
Ferritringkerne für Entstörfilter und
Breitbandübertrageranwendungen

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

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Foreword

This European Standard was prepared by the Technical Committee CENELEC/TC CECC/SC 51X, Magnetic components: Cores and soft magnetic materials.

It is based, wherever possible, on the publications of the International Electrotechnical Commission and in particular on IEC 367 *Cores for inductors and transformers for telecommunications*.

The text of the draft was submitted to the formal vote and was approved by CENELEC as EN 125500 on 1995-07-04.

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 1996-09-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 1996-09-01

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