

Harmonized system of quality assessment for electronic components — Inductor and transformer cores for telecommunications —

Part 03.0: Sectional specification: Magnetic oxide cores for transformers and chokes for power applications

[IEC title: Inductor and transformer cores for
telecommunications — Part 4: Sectional specification: Magnetic
oxide cores for transformers and chokes for power applications]

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Committees responsible for this British Standard

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- Electronic Components Industry Federation
- Electronic Engineering Association
- Ministry of Defence
- National Supervising Inspectorate
- Telecommunication Engineering and Manufacturing Association (TEMA)

This British Standard, having been prepared under the direction of the Electronic Components Standards Committee, was published under the authority of the Board of BSI and comes into effect on 31 May 1988

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National foreword

This Part of BS 9925 has been prepared under the direction of the Electronic Components Standards Committee. It is identical with IEC Publication 723-4 (QC 250300) “*Inductor and transformer cores for telecommunications. Part 4: Sectional specification: Magnetic oxide cores for transformers and chokes for power applications*”, published in 1987 by the International Electrotechnical Commission (IEC).

This standard is a harmonized specification within the IECQ system of quality assessment for electronic components, the basic rules of which are given, in the UK, in BS 9000-3:1987.

Terminology and conventions. The text of the International Standard has been approved as suitable for publication as a British Standard without deviation. Some terminology and certain conventions are not identical with those used in British Standards.

Cross-references

International Standard	Corresponding British Standard
IEC 68-1:1982	BS 2011 <i>Basic environmental testing procedures</i> Part 1.1:1983 <i>General and guidance</i> (Identical)
IEC 68-2-1:1974	Part 2.1A:1977 <i>Tests A. Cold</i> (Identical)
IEC 68-2-2:1974	Part 2.1B:1977 <i>Tests B. Dry heat</i> (Identical)
IEC 133:1985	BS 4061:1966 <i>Specification for dimensions of pot cores made of ferromagnetic oxides for use in telecommunication and allied electronic equipment</i> (Technically equivalent)
IEC 205:1966 plus supplements 205A:1968 and 205B:1974	BS 6454:1983 <i>Method for calculation of the effective parameters of magnetic piece parts</i> (Identical)
IEC 367-1:1982	BS 5938 <i>Cores for inductors and transformers for telecommunications</i> Part 1:1984 <i>Methods of measurement</i> (Identical)
IEC 367-2:1974 plus supplement 367-2A:1976	Part 2:1980 <i>Guide to the drafting of performance specifications</i> (Identical)
IEC 424:1973	BS 6786:1986 <i>Guide to the specification of limits for physical imperfections of parts made from magnetic oxides</i> (Identical)
IEC 431:1983	BS 6555:1984 <i>Specification for dimensions of square cores (RM-cores) made of magnetic oxides and associated parts</i> (Identical)
IEC 723-1:1982 (QC 250000)	BS 9925 <i>Harmonized system of quality assessment for electronic components. Inductor and transformer cores for telecommunications</i> Part 0:1984 <i>Generic specification</i> (Identical)
IEC 723-4-1:1987 ^a (QC 250301)	Part 03.01:1988 <i>Blank detail specification: Magnetic oxide cores for transformers and chokes for power applications. Assessment level A</i> (Identical)

^a Dated in error as 1986 in 2.1 of this standard.

There are no corresponding British Standards for IEC Publications 226, 525 and 647, which are referred to in the text.

The Technical Committee has reviewed the provisions of this IEC Publications and has decided that they are acceptable for use in conjunction with this standard.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i to iv, pages 1 to 6, 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.