

Laminated core packages for transformers and inductors used in telecommunication and electronic equipment —

Part 1: Specification for dimensions

The European Standard EN 61021-1:1997 has the status of a
British Standard

ICS 29.100.10; 29.180

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Electronic Components Standards Policy Committee (ECL/-) to Technical Committee ECL/20, upon which the following bodies were represented:

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

The following bodies were also represented in the drafting of the standard, through subcommittees and panels:

- Association of Manufacturers Allied to the Electrical and Electronic Industry (BEAMA Ltd)
- Sheet Makers' Conference
- Transmission and Distribution Association (BEAMA Ltd)

This British Standard, having been prepared under the direction of the Electronic Components Standards Policy Committee, was published under the authority of the Board of BSI and comes into effect on 30 November 1990

© BSI 05-1999

The following BSI references relate to the work on this standard:
Committee reference ECL/20
Draft for comment 87/28644 DC

ISBN 0 580 19171 0

Amendments issued since publication

Amd. No.	Date	Comments
9750	December 1997	Indicated by a sideline in the margin

Contents

	Page
Committees responsible	Inside front cover
National foreword	ii
Foreword	2
1 Scope	3
2 Definitions	3
3 Laminations	3
4 Core size designation	3
5 Core dimensions and tolerances	4
Annex ZA (normative) Normative references to international publications with their corresponding European publications	6
Figure 1 — YEE 2 laminations: standard configuration	4
Figure 2 — YEE 2 laminations: using two larger E parts	5
Table 1 — Dimensions of laminated cores: standard configuration	4
Table 2 — Dimensions of laminated cores formed by a pair of larger E core parts	5
Table 3 — Tolerance codes for laminated core package height “s”	5
Publication(s) referred to	Inside back cover

National foreword

This British Standard has been prepared by Technical Committee EPL/51 (formerly ECL/20) and is the English language version of EN 61021-1:1997 *Laminated core packages for transformers and inductors used in telecommunication and electronic equipment — Part 1: Dimensions*, published by the European Committee for Electrotechnical Standardization (CENELEC). It is identical with IEC 1021-1:1990 published by the International Electrotechnical Commission (IEC).

Cross-references

International standard	Corresponding British Standard
ISO 50 (901):1973 plus supplement IEC 50 (901B):1978	BS 4727 Glossary of electrotechnical, power, telecommunication, electronics, lighting and colour terms Part 1 Terms common to power, telecommunications and electronics Group 07:1973 Magnetism terminology (Technically equivalent)
IEC 740:1980	BS 6554 Laminations for transformers and inductors for use in telecommunication and electronic equipment Part 1:1984 Specification for dimensions, mechanical characteristics and electrical testing (Identical)

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 and ii, the EN title page, pages 2 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.