

Packaging of components for automatic handling —

Part 3: Packaging of leadless components on continuous tapes

The European Standard EN 60286-3:1998 has the status of a
British Standard

ICS 31.020; 55.060

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National foreword

This British Standard is the English language version of EN 60286-3:1998. It is identical with IEC 60286-3:1997. It supersedes BS 6062-3:1993 which will be withdrawn on 1998-10-01.

The UK participation in its preparation was entrusted to Technical Committee EPL/40, Capacitors and resistors for electronic equipment, which has the responsibility to:

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Cross-references

Attention is drawn to the fact that CEN and CENELEC Standards normally include an annex which lists normative references to international publications with their corresponding European publications. The British Standards which implement these international or European publications may be found in the BSI Standards Catalogue under the section entitled “International Standards Correspondence Index”, or by using the “Find” facility of the BSI Standards Electronic Catalogue.

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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 16 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.

This British Standard, having been prepared under the direction of the Electrotechnical Sector Board, was published under the authority of the Standards Board and comes into effect on 15 April 1998

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ISBN 0 580 29304 1

Amendments issued since publication

Amd. No.	Date	Comments

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Descriptors: Electronic components, packaging, continuous tapes

English version

Packaging of components for automatic handling Part 3: Packaging of surface mount components on continuous tapes

(IEC 60286-3:1997)

Emballage de composants pour
opérations automatisées
Partie 3: Emballage des composants
appropriés au montage en surface en
bandes continues
(CEI 60286-3:1997)

Gurtung und Magazinierung von
Bauelementen für automatische
Verarbeitung
Teil 3: Gurtung von
oberflächenmontierbaren Bauelementen
(IEC 60286-3:1997)

This European Standard was approved by CENELEC on 1998-01-01. 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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

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

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Foreword

The text of document 40/942/FDIS, future edition 3 of IEC 60286-3, prepared by IEC TC 40, Capacitors and resistors for electronic equipment, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60286-3 on 1998-01-01.

This European Standard supersedes HD 143.3 S2:1992.

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) 1998-10-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 1998-10-01

Annexes designated “normative” are part of the body of the standard.

In this standard, Annex ZA is normative.

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60286-3:1997 was approved by CENELEC as a European Standard without any modification.

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Introduction

Tape packaging meets the requirements of automatic component placement machines and also covers the use of tape packaging for components for test purposes and other operations.

1 General

1.1 Scope

This Standard is applicable to the tape packaging of electronic components without leads or with lead stumps which are intended to be connected to electronic circuits. It includes only those dimensions which are essential for the taping of components intended for the above-mentioned purposes.

1.2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of IEC 60286. At the time of publication, the editions indicated were valid. All normative documents are subject to revision, and parties to agreements based on this part of IEC 60286 are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. Members of IEC and ISO maintain registers of currently valid International Standards

IEC 60191-2:1966, *Mechanical standardization of semiconductor devices — Part 2: Dimensions*.

ISO 11469:1993, *Plastics — Generic identification and marking of plastic products*.

2 Dimensions

2.1 TYPE I (Punched tape)

