

SLOVENSKI STANDARD

SIST EN 60286-5:2002

01-september-2002

Packaging of components for automatic handling - Part 5: Matrix trays (IEC 60286-5:1995)

Packaging of components for automatic handling -- Part 5: Matrix trays

Gurtung und Magazinierung von Bauelementen für automatische Verarbeitung -- Teil 5: Flachmagazine

iTeh STANDARD PREVIEW

Emballage de composants pour (opérations automatisées) Partie 5: Supports matriciels

Ta slovenski standard je istoveten z: [SIST EN 60286-5:2002
https://standards.iteh.ai/catalog/standards/sist/24322c45-1ddf-4b30-89e0-a028f1cb4920/sist-en-60286-5-2002](https://standards.iteh.ai/catalog/standards/sist/24322c45-1ddf-4b30-89e0-a028f1cb4920/sist-en-60286-5-2002)

ICS:

31.020	Elektronske komponente na splošno	Electronic components in general
55.160	Zæu[hæv \ æt^hæv]æ cã } ã : æu[hã	Cases. Boxes. Crates

SIST EN 60286-5:2002

en

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**EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM**

EN 60286-5

April 1997

ICS 31.020; 55.060

Descriptors: Packaging of components, automatic handling, matrix trays, mechanical stability, tray design, components on the tray, stacking, marking

English version

**Packaging of components for automatic handling
Part 5: Matrix trays
(IEC 286-5:1995, modified)**

Emballage de composants pour
opérations automatisées
Partie 5: Supports matriciels
(CEI 286-5:1995, modifiée)

Gurtung und Magazinierung von
Bauelementen für automatische
Verarbeitung
Teil 5: Flachmagazine
(IEC 286-5:1995, modifiziert)

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This European Standard was approved by CENELEC on 1997-03-11. 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, 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

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

Foreword

The text of the International Standard IEC 286-5:1995, prepared by IEC TC 40, Capacitors and resistors for electronic equipment, together with common modifications prepared by Reporting Secretariat 40, was submitted to the formal vote and was approved by CENELEC as EN 60286-5 on 1997-03-11.

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) 1998-03-01
 - latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 1998-03-01
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Endorsement notice

The text of the International Standard IEC 286-5:1995 was approved by CENELEC as a European Standard with agreed common modifications as given below.

COMMON MODIFICATIONS**Variation Tables****Page 23:**

MQFP	AC	N	replace "120" by "128"
		N4	replace "14 x 14" by "14 x 20"
	AD	N	add "256" to read "120;128;144;160;208;256"
PLCC	AJ	M2	replace "28,00" by "28,20"
PLCC	AE to AL	N4	replace "carré" by "square"

Page 25:

Tray type		replace first group "FQFP" by "PQFP"
PQFP	AA	N6 add "7/3-4" to read "6/3-4;7/3-4;8/3-4"
TSOP(I)	AC	N6 replace the second "/" by ";" to read "6/7-10;7/7-10;8/7-10"
	BA	N6 replace ";" by ";", to read "8/6-8;9/6-8"
	CD	N5 replace "14/8 9" by "11/8 9" to read "2/2-3;11/8-9"
	DC	N6 replace "6/4-6" by "6/4-5" to read "6/4-5,7/4-5;8/4-5"
Basic dimensions		SIST EN 60286-5:2002
M; M1; M2; M3.		https://standards.iec.ch/iec60286-5:2002/ed1/1/1/322_45_61464130_8900_a02841cb4920/sd/EN-60286-5-2002
		change numbers to decimal format with two decimals, i.e. add one or two zero(s), as appropriate

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NORME INTERNATIONALE INTERNATIONAL STANDARD

**CEI
IEC
286-5**

Première édition
First edition
1995-02

Emballage de composants pour opérations automatisées

Partie 5:

iTeh **STANDARD REVIEW**
(standards.iteh.ai)

Packaging of components for automatic handling

SIST EN 60286-5:2002
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Part 5:

Matrix trays

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International Electrotechnical Commission
Международная Электротехническая Комиссия

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

PACKAGING OF COMPONENTS
FOR AUTOMATIC HANDLING

Part 5: Matrix trays

FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international cooperation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 286-5 has been prepared by IEC technical committee 40: Capacitors and resistors for electronic equipment.

The text of this standard is based on the following documents:

DIS	Report on voting
40(CO)816	40/731/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.