

# SLOVENSKI STANDARD SIST EN 60097:2001

01-marec-2001

## **Grid systems for printed circuits**

Grid systems for printed circuits

Rastersysteme für gedruckte Schaltungen

Systèmes de grille pour circuits imprimés ARD PREVIEW

Ta slovenski standard je istoveten z: (standards iteh.ai) EN 60097:1993

SIST EN 60097:2001

https://standards.iteh.ai/catalog/standards/sist/0bf48550-6cd2-4f26-b2c1-8929f55cc651/sist-en-60097-2001

ICS:

31.180 Vã\æ) æ\$\(\frac{a}{a}\) æ\$\(\frac{a}{a}\) \(\frac{a}{a}\) \(\frac{a}{a}

] | [ z ^

SIST EN 60097:2001 en

SIST EN 60097:2001

# iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST EN 60097:2001

https://standards.iteh.ai/catalog/standards/sist/0bf48550-6cd2-4f26-b2c1-8929f55cc651/sist-en-60097-2001

SIST EN 60097:2001

"EUROPEAN STANDARD

EN 60097

NORME EUROPEENNE

EUROPÄISCHE NORM

January 1993

UDC 621.3.049.75

Descriptors: Printed circuits, grid systems, compatibility, positioning

connections

#### ENGLISH VERSION

Grid systems for printed circuits (IEC 97:1991)

Systèmes de grille pour circuits imprimés (CEI 97:1991)

Rastersysteme für gedruckte Schaltungen (IEC 97:1991)

This European Standard was approved by CENELEC on 1992-12-09. 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.

SIST EN 60097:2001

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application 205 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 Europaisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, 8-1050 Brussels

(c) 1993 Copyright reserved to CENELEC members

Page 2 EN 60097:1993

### FOREWORD

The CENELEC questionnaire procedure, performed for finding out whether or not the International Standard IEC 97:1991 could be accepted without textual changes, has shown that no common modifications were necessary for the acceptance as European Standard.

The reference document was submitted to the CENELEC members for formal vote and was approved by CENELEC as EN 60097 on 9 December 1992.

The following dates were fixed:

- latest date of publication of an identical national standard

(dop) 1993-12-01

- latest date of withdrawal of conflicting national standards

(dow) 1993-12-01

Annexes designated "normative" are part of the body of the standard. In this standard, annex ZA is normative.

# iTeh STANDARD PREVIEW ENDORSEMENT NOTICE (standards.iteh.ai)

The text of the International Standard JEC 97:1991 was approved by CENELEC as a European Standard without any modification 6-b2c1-

8929f55cc651/sist-en-60097-2001

### ANNEX ZA (normative)

# OTHER INTERNATIONAL PUBLICATIONS QUOTED IN THIS STANDARD WITH THE REFERENCES OF THE RELEVANT EUROPEAN PUBLICATIONS

When the international publication has been modified by CENELEC common modifications, indicated by (mod), the relevant EN/HD applies.

IEC Publication	Date	Title	EN/HD	Date
194	1988	Terms and definitions for printed circuits	HD 142 S3	1991
321	1970	Guidance for the design and use of components intended for mounting on boards with printed wiring and printed circuits	-	-

# iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST EN 60097:2001

https://standards.iteh.ai/catalog/standards/sist/0bf48550-6cd2-4f26-b2c1-8929f55cc651/sist-en-60097-2001

SIST EN 60097:2001

# iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST EN 60097:2001

https://standards.iteh.ai/catalog/standards/sist/0bf48550-6cd2-4f26-b2c1-8929f55cc651/sist-en-60097-2001

ncts

li-C

# NORME INTERNATIONALE INTERNATIONAL STANDARD

CEI IEC 97

Quatrième édition Fourth edition 1991-05

## Systèmes de grille pour circuits imprimés

# iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST EN 60097:2001

https://standards.iteh.ai/catalog/standards/sist/0bf48550-6cd2-4f26-b2c1-8929f55cc651/sist-en-60097-2001

© CEI 1991 Droits de reproduction réservés — Copyright – all rights reserved

Aucune partie de cette publication ne peut être reproduite ni utilisée sous quelque forme que ce soit et par aucun procédé, électronique ou mécanique, y compris la photocopie et les microfilms, sans l'accord écrit de l'éctieur.

No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

Bureau Central de la Commission Electrolechnique Internationale 3, rue de Varembé Genève, Sulsse



CODE PRIX
PRICE CODE

G

Pour prix, voir catalogue en vigueur For price, see current catalogue

## CONTENTS

		Page
FOR	EWORD	. 5
Claus	e	:
1	Scope	. 7
2	Normative references	7
3	Terminology	7
4	Use of grid systems for printed boards	
5	Preferred grid system	9
6	Alternative grid system	9
Anne	ex A (informative) - Recommended practices for grid application	11

# iTeh STANDARD PREVIEW (standards.iteh.ai)

<u>SIST EN 60097:2001</u> https://standards.iteh.ai/catalog/standards/sist/0bf48550-6cd2-4f26-b2c1-8929f55cc651/sist-en-60097-2001

### INTERNATIONAL ELECTROTECHNICAL COMMISSION

### GRID SYSTEMS FOR PRINTED CIRCUITS

#### **FOREWORD**

- 1) The formal decisions or agreements of the IEC on technical matters, prepared by Technical Committees on which all the National Committees having a special interest therein are represented, express, as nearly as possible, an international consensus of opinion on the subjects dealt with.
- 2) They have the form of recommendations for international use and they are accepted by the National Committees in that sense.
- 3) In order to promote international unification, the IEC expresses the wish that all National Committees should adopt the text of the IEC recommendation for their national rules in so far as national conditions will permit. Any divergence between the IEC recommendation and the corresponding national rules should, as far as possible, be clearly indicated in the latter.

This International Standard has been prepared by IEC Technical Committee No. 52: Printed circuits.

This fourth edition of IEC 97 replaces the third edition issued in 1970.

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

https://standards.itab.aj/aatalag/atandarda/sigt/0ht/18550_6gd2_4f26_h2g1						
Six Months' Rule	Report Yeting 1/sis	en-(Two) Honths' Procedure	Report on Voting			
52(00)334	52(CO)348	52(CO)351	52(CO)361			

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

Annex A is for information only.