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**Spoji brez spajke - 5. del: Vtisnjeni spoji - Splošne zahteve, preskusne metode in praktični napotki - Dopolnilo A1 (IEC 60352-5:2001/A1:2003)**

Solderless connections - Part 5: Press-in connections - General requirements, test methods and practical guidance - Amendment A1 (IEC 60352-5:2001/A1:2003)

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[SIST EN 60352-5:2002/A1:2004](https://standards.iteh.ai/catalog/standards/sist/1ac3b25c-e0cb-453e-88ad-713a40f47559/sist-en-60352-5-2002-a1-2004)  
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EUROPEAN STANDARD

**EN 60352-5/A1**

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2003

ICS 31.220.10

English version

**Solderless connections**  
**Part 5: Press-in connections –**  
**General requirements, test methods and practical guidance**  
(IEC 60352-5:2001/A1:2003)

Connexions sans soudure  
Partie 5: Connexions insérées à force -  
Règles générales, méthodes d'essai  
et guide pratique  
(CEI 60352-5:2001/A1:2003)

Lötfreie Verbindungen  
Teil 5: Einpressverbindungen –  
Allgemeine Anforderungen, Prüfverfahren  
und Anwendungshinweise  
(IEC 60352-5:2001/A1:2003)

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This amendment A1 modifies the European Standard EN 60352-5:2001; it was approved by CENELEC on 2003-12-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment the status of a national standard without any alteration. <https://standards.iteh.ai/catalog/standards/sist/1ac3b25c-e0cb-453e-88ad-713a40f47559/sist-en-60352-5-2002-a1-2004>

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 amendment 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, Hungary, Iceland, Ireland, Italy, Lithuania, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, 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 document 48B/1367/FDIS, future amendment 1 to IEC 60352-5:2001, prepared by SC 48B, Connectors, of IEC TC 48, Electromechanical components and mechanical structures for electronic equipment, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A1 to EN 60352-5:2001 on 2003-12-01.

The following dates were fixed:

- latest date by which the amendment has to be implemented  
at national level by publication of an identical  
national standard or by endorsement (dop) 2004-09-01
- latest date by which the national standards conflicting  
with the amendment have to be withdrawn (dow) 2006-12-01

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## Endorsement notice

The text of amendment 1:2003 to the International Standard IEC 60352-5:2001 was approved by CENELEC as an amendment to the European Standard without any modification.

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NORME  
INTERNATIONALE  
INTERNATIONAL  
STANDARD

CEI  
IEC  
60352-5

2001

AMENDEMENT 1  
AMENDMENT 1  
2003-10

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Amendement 1

**Connexions sans soudure –**

**Partie 5:**

**Connexions insérées à force –  
Règles générales, méthodes d'essai  
et guide pratique**

[SIST EN 60352-5:2002/A1:2004](https://standards.iteh.ai/catalog/standards/sist/1ac3b25c-e0cb-453e-88ad-713a40147559/sist-en-60352-5-2002-a1-2004)

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Amendment 1

**Solderless connections –**

**Part 5:**

**Press-in connections –  
General requirements, test methods  
and practical guidance**

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## FOREWORD

This amendment has been prepared by subcommittee 48B: Connectors, of IEC technical committee 48: Electromechanical components and mechanical structures for electronic equipment.

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

FDIS	Report on voting
48B/1367/FDIS	48B/1395/RVD

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

The committee has decided that the contents of the base publication and its amendments will remain unchanged until 2005. At this date, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

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[SIST EN 60352-5:2002/A1:2004](https://standards.iteh.ai/catalog/standards/sist/1ac3b25c-e0cb-453e-88ad-713a40f47559/sist-en-60352-5-2002-a1-2004)

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### 4.4.3.2 Hole dimensions

*Replace the existing Table 1 by the following new Table 1:*

**Table 1 – Finished plated-through holes***All dimensions are in millimetres*

Nominal hole diameter	Diameter of the finished plated-through hole	Diameter of the hole prior to plating
0,50	0,50 ± 0,05	0,60 ± 0,01
0,55	0,55 ± 0,05	0,64 ± 0,01
0,60	0,60 ± 0,05	0,70 ± 0,02
0,65	0,65 $\begin{matrix} +0,07 \\ -0,04 \end{matrix}$	0,80 $\begin{matrix} +0 \\ -0,03 \end{matrix}$
0,70	0,70 $\begin{matrix} +0,07 \\ -0,05 \end{matrix}$	0,80 $\begin{matrix} +0,03 \\ -0,02 \end{matrix}$
0,75	0,75 $\begin{matrix} +0,05 \\ -0,07 \end{matrix}$	0,85 $\begin{matrix} +0,01 \\ -0,04 \end{matrix}$
0,80	0,80 $\begin{matrix} +0,09 \\ -0,03 \end{matrix}$	0,90 ± 0,025
0,85	0,85 $\begin{matrix} +0,10 \\ -0,05 \end{matrix}$	1,00 $\begin{matrix} +0,01 \\ -0,04 \end{matrix}$
0,90	0,90 ± 0,07	1,00 ± 0,025
1	1,00 $\begin{matrix} +0,09 \\ -0,06 \end{matrix}$	1,15 ± 0,025
1,45	1,45 $\begin{matrix} +0,09 \\ -0,06 \end{matrix}$	1,60 ± 0,025
1,60	1,60 $\begin{matrix} +0,09 \\ -0,06 \end{matrix}$	1,75 ± 0,025

NOTE If molded interconnection devices are used, the values of the 2nd column shall be applied. The diameters indicated in the 3rd column are the commonly used drill diameters for FR4 printed boards and are not necessarily relevant for other board materials and molded interconnection devices.