



National Standards Authority of Ireland  
Údarás um Chaighdeáin Náisiúnta na hÉireann

IRISH STANDARD

**I.S. EN 61188-5-5:2007**

ICS 31.180

**PRINTED BOARDS AND PRINTED BOARD  
ASSEMBLIES - DESIGN AND USE -- PART 5  
-5: ATTACHMENT (LAND/JOINT)  
CONSIDERATIONS - COMPONENTS WITH  
GULL-WING LEADS ON FOUR SIDES (IEC  
61188-5-5:2007 (EQV))**

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*This Irish Standard was  
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comes into effect on:  
30 January 2008*

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EUROPEAN STANDARD

**EN 61188-5-5**

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2007

ICS 31.180

English version

**Printed boards and printed board assemblies -  
Design and use -  
Part 5-5: Attachment (land/joint) considerations -  
Components with gull-wing leads on four sides  
(IEC 61188-5-5:2007)**

Cartes imprimées et  
cartes imprimées équipées -  
Conception et utilisation -  
Partie 5-5: Considérations  
sur les liaisons pistes-soudures -  
Composants à sorties  
en aile de mouette sur quatre côtés  
(CEI 61188-5-5:2007)

Leiterplatten und Flachbaugruppen -  
Konstruktion und Anwendung -  
Teil 5-5: Betrachtungen zur Montage  
(Anschlussfläche/Verbindung) -  
Bauelemente mit  
Gullwing-Anschlüssen  
auf vier Seiten  
(IEC 61188-5-5:2007)

This European Standard was approved by CENELEC on 2007-11-01. 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, Bulgaria, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the 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**

## I.S. EN 61188-5-5:2007

EN 61188-5-5:2007

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### Foreword

The text of document 91/704/FDIS, future edition 1 of IEC 61188-5-5, prepared by IEC TC 91, Electronics assembly technology, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61188-5-5 on 2007-11-01.

This standard is to be used in conjunction with EN 61188-5-1.

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) 2008-08-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2010-11-01

Annex ZA has been added by CENELEC.

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### Endorsement notice

The text of the International Standard IEC 61188-5-5:2007 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

- |                |   |
|----------------|---|
| IEC 60068-2-54 | NOTE Harmonized as EN 60068-2-54:2006 (not modified). |
| IEC 60068-2-58 | NOTE Harmonized as EN 60068-2-58:2004 (not modified). |
| IEC 61191-1    | NOTE Harmonized as EN 61191-1:1998 (not modified).    |
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## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

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

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61188-5-1	- <sup>1)</sup>	Printed boards and printed board assemblies - Design and use - Part 5-1: Attachment (land/joint) considerations - Generic requirements	EN 61188-5-1	2002 <sup>2)</sup>

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<sup>1)</sup> Undated reference.

<sup>2)</sup> Valid edition at date of issue.



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