



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 61188-5-2:2003

ICS 31.180

31.190

**PRINTED BOARDS AND PRINTED BOARD
ASSEMBLIES - DESIGN AND USE PART 5-2:
ATTACHMENT (LAND/JOINT)
CONSIDERATIONS - DISCRETE
COMPONENTS (IEC 61188-5-2:2003)**

National Standards
Authority of Ireland
Dublin 9
Ireland

Tel: (01) 807 3800
Tel: (01) 807 3838

*This Irish Standard was
published under the
authority of the National
Standards Authority of
Ireland
and comes into effect on:
October 20, 2003*

**NO COPYING WITHOUT NSAI
PERMISSION EXCEPT AS
PERMITTED BY COPYRIGHT
LAW**

© NSAI 2003

Price Code AB

Údarás um Chaighdeán Náisiúnta na hÉireann

EUROPEAN STANDARD

EN 61188-5-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2003

ICS 31.180; 31.190

English version

**Printed boards and printed board assemblies -
Design and use
Part 5-2: Attachment (land/joint) considerations -
Discrete components
(IEC 61188-5-2:2003)**

Cartes imprimées et cartes imprimées
équipées -
Conception et utilisation
Partie 5-2: Considérations sur les liaisons
pistes-soudures -
Composants discrets
(CEI 61188-5-2:2003)

Leiterplatten und Flachbaugruppen -
Konstruktion und Anwendung
Teil 5-2: Betrachtungen zur Montage
(Anschlussfläche/Verbindung) -
Einzelbauelemente
(IEC 61188-5-2:2003)

This European Standard was approved by CENELEC on 2003-09-01. 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, 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 91/382/FDIS, future edition 1 of IEC 61188-5-2, prepared by IEC TC 91, Electronics assembly technology, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61188-5-2 on 2003-09-01.

This European Standard is to be read in conjunction with EN 61188-5-1:2002.

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) 2004-06-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2006-09-01

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 61188-5-2:2003 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 60051	NOTE	Harmonized as EN 60051 series (not modified).
IEC 61191-1	NOTE	Harmonized as EN 61191-1:1998 (not modified).
IEC 61191-2	NOTE	Harmonized as EN 61191-2:1998 (not modified).

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

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 60068-2-58	- ¹⁾	Environmental testing Part 2-58: Tests - Test Td: Test methods for solderability, resistance to dissolution of metallization and to soldering heat of surface mounting devices (SMD)	EN 60068-2-58	1999 ²⁾
IEC 60115-1 (mod)	- ¹⁾	Fixed resistors for use in electronic equipment Part 1: Generic specification	EN 60115-1	2001 ²⁾
IEC 60286-3	- ¹⁾	Packaging of components for automatic handling Part 3: Packaging of surface mount components on continuous tapes	EN 60286-3	1998 ²⁾
IEC 60286-4	- ¹⁾	Part 4: Stick magazines for electronic components encapsulated in packages of form E and G	EN 60286-4	1998 ²⁾
IEC 60286-5 (mod)	- ¹⁾	Part 5: Matrix trays	EN 60286-5	1997 ²⁾
IEC 60286-6	- ¹⁾	Part 6: Bulk case packaging for surface mounting components	EN 60286-6	1998 ²⁾
IEC 60384-3	- ¹⁾	Fixed capacitors for use in electronic equipment. Part 3: Sectional specification: Fixed tantalum chip capacitors	-	-
IEC 60384-18	- ¹⁾	Part 18: Sectional specification: Fixed aluminium electrolytic chip capacitors with solid and non-solid electrolyte	-	-

¹⁾ Undated reference.

²⁾ Valid edition at date of issue.

EN 61188-5-2:2003

- 4 -

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60384-20	- ¹⁾	Part 20: Sectional specification: Fixed metallized polyphenylene sulfide film dielectric surface mount d.c. capacitors	EN 60384-20	1999 ²⁾
IEC 61188-5-1	- ¹⁾	Printed boards and printed board assemblies - Design and use Part 5-1: Attachment (land/joint) considerations - Generic requirements	EN 61188-5-1	2002 ²⁾
IEC 61605	- ¹⁾	Fixed inductors for use in electronic and telecommunication equipment - Marking codes	EN 61605	1997 ²⁾

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- Looking for additional Standards? Visit Intertek Inform Infostore
 - Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation
-