



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 61760-2:2007

ICS 31.020

SURFACE MOUNTING TECHNOLOGY --

PART 2: TRANSPORTATION AND

STORAGE CONDITIONS OF SURFACE

MOUNTING DEVICES (SMD) -

APPLICATION GUIDE (IEC 61760-2:2007

(EQV))

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 61760-2

June 2007

ICS 31.020

Supersedes EN 61760-2:1998

English version

**Surface mounting technology -
Part 2: Transportation and storage conditions
of surface mounting devices (SMD) -
Application guide
(IEC 61760-2:2007)**

Technique du montage en surface -
Partie 2: Transport et stockage
des composants pour montage
en surface (CSM) -
Guide d'application
(CEI 61760-2:2007)

Oberflächenmontagetechnik -
Teil 2: Transport- und
Lagerungsbedingungen
von oberflächenmontierbaren
Bauelementen (SMD) -
Anwendungsleitfaden
(IEC 61760-2:2007)

This European Standard was approved by CENELEC on 2007-05-01. 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

Foreword

The text of document 91/569/CDV, future edition 2 of IEC 61760-2, prepared by IEC TC 91, Electronics assembly technology, was submitted to the IEC-CENELEC parallel Unique Acceptance Procedure and was approved by CENELEC as EN 61760-2 on 2007-05-01.

This European Standard supersedes EN 61760-2:1998.

The main changes with regard to EN 61760-2:1998 concern:

EN 61760-2:2007 was updated and editorially revised. Specific reference is made to:

- EN 61340-5-1: Electrostatics – Part 5-1: Protection of electronic devices from electrostatic phenomena – General requirements
- EN 61340-5-2: Electrostatics – Part 5-2: Protection of electronic devices from electrostatic phenomena – User guide

For convenience of the reader, an informative Annex A was added, which contains information about the climatic and mechanical conditions during transportation and storage (extracted from EN 60721-3-1 and EN 60721-3-2).

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) 2008-02-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2010-05-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61760-2:2007 was approved by CENELEC as a European Standard without any modification.

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 60286-3	- ¹⁾	Packaging of components for automatic handling - Part 3: Packaging of surface mount components on continuous tapes	EN 60286-3	200X ²⁾
IEC 60286-4	- ¹⁾	Packaging of components for automatic handling - Part 4: Stick magazines for electronic components encapsulated in packages of form E and G	EN 60286-4	1998 ³⁾
IEC 60286-5	- ¹⁾	Packaging of components for automatic handling - Part 5: Matrix trays	EN 60286-5	2004 ³⁾
IEC 60286-6	- ¹⁾	Packaging of components for automatic handling - Part 6: Bulk case packaging for surface mounting components	EN 60286-6	2004 ³⁾
IEC 60721-3-1	- ¹⁾	Classification of environmental conditions - Part 3: Classification of groups of environmental parameters and their severities - Section 1: Storage	EN 60721-3-1	1997 ³⁾
IEC 60721-3-2	- ¹⁾	Classification of environmental conditions - Part 3: Classification of groups of environmental parameters and their severities - Section 2: Transportation	EN 60721-3-2	1997 ³⁾
IEC 60749	Series	Semiconductor devices - Mechanical and climatic test methods	EN 60749	Series
IEC/TS 61340-5-1	- ¹⁾	Electrostatics - Part 5-1: Protection of electronic devices from electrostatic phenomena - General requirements	EN 61340-5-1 + corr. April	2001 ³⁾ 2001
IEC/TS 61340-5-2	- ¹⁾	Electrostatics - Part 5-2: Protection of electronic devices from electrostatic phenomena - User guide	EN 61340-5-2 + corr. August	2001 ³⁾ 2001

¹⁾ Undated reference.

²⁾ To be ratified.

³⁾ Valid edition at date of issue.

INTERNATIONAL STANDARD

IEC
61760-2

Second edition
2007-04

Surface mounting technology –

Part 2: Transportation and storage conditions of surface mounting devices (SMD) – Application guide



Reference number
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