



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 60191-6-1:2002

ICS 31.080.01

**MECHANICAL STANDARDIZATION OF  
SEMICONDUCTOR DEVICES  
PART 6-1: GENERAL RULES FOR THE  
PREPARATION OF OUTLINE DRAWINGS OF  
SURFACE MOUNTED SEMICONDUCTOR  
DEVICE PACKAGES  
DESIGN GUIDE FOR GULL-WING LEAD  
TERMINALS -  
(IEC 60191-6-1:2001)**

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EUROPEAN STANDARD

**EN 60191-6-1**

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2001

ICS 31 080 01

English version

**Mechanical standardization of semiconductor devices**  
**Part 6-1: General rules for the preparation of outline drawings**  
**of surface mounted semiconductor device packages -**  
**Design guide for gull-wing lead terminals**  
**(IEC 60191-6-1:2001)**

Normalisation mécanique des dispositifs à  
semi-conducteurs  
Partie 6-1: Règles générales  
pour la préparation des dessins  
d'encombrement des dispositifs à  
semiconducteurs pour montage en  
surface -  
Guide de conception pour les boîtiers à  
broches en forme d'ailes de mouette  
(CEI 60191-6-1:2001)

Mechanische Normung von  
Halbleiterbauelementen  
Teil 6-1: Allgemeine Regeln für die  
Erstellung von Gehäusezeichnungen  
von SMD-Halbleitergehäusen -  
Konstruktionsleitfaden für Gehäuse mit  
Gullwing-Anschlüssen  
(IEC 60191-6-1:2001)

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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.

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**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**



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## Foreword

The text of document 47D/459/FDIS, future edition 1 of IEC 60191-6-1, prepared by SC 47D, Mechanical standardization of semiconductor devices, of IEC TC 47, Semiconductor devices, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60191-6-1 on 2001-12-01.

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) 2002-09-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2004-12-01

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.

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## Endorsement notice

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