

(Identical with and reproduced from IEC 191-1 (1966))

Australian Standard®

Mechanical standardization of semiconductor devices

Part 1: Preparation of drawings

[IEC title: Mechanical standardization of semiconductor devices,
Part 1: Preparation of drawings of semiconductor devices]



This Australian Standard was prepared by Committee TE/12, Semiconductors and Devices. It was approved on behalf of the Council of Standards Australia on 28 March 1989 and published on 18 August 1989.

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Confederation of Australian Industry
Department of Industry, Technology and Commerce
Institution of Radio and Electronics Engineers, Australia
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AS 3708.1—1989

Australian Standard®

**Mechanical standardization of
semiconductor devices**

Part 1: Preparation of drawings

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IEC 191-1—1966, 191-1A—1969 and 191-1B—1970
without amendment).
Revised and redesignated AS 3708.1—1989.

PREFACE

This Australian Standard was prepared by the Standards Australia committee on Semiconductors and Devices. It is identical with, and is reproduced from, IEC 191-1(1966) as one of a series of Standards on the mechanical standardization of semiconductor devices. This Standard supersedes AS C379—1970 which was the endorsement of IEC 191-1 including various supplements 191-1A(1969), 191-1B(1970) and 191-1C(1974).

The Standard provides recommended uniform practices for the preparation of drawings of semiconductor devices, drawings which indicate the space which should be allowed for devices in equipment together with other dimensional characteristics required to ensure mechanical interchangeability. The drawings represent the unification of National Standard devices to encourage the manufacturers of such devices to comply with the tolerance given in order to extend the standardization of the devices internationally. In addition to the rules for the preparation of drawings of various types of device, the Standard includes appendices on a number of subjects including definitions, reference letter symbols, examples of drawings etc.

The page numbers of the IEC English text are given on the bottom left corner of each page of this Standard.

For the purposes of this Australian Standard, the IEC text should be modified as follows:

- (a) **Terminology:** The words 'Australian Standard' should replace the words 'IEC Publication' wherever they appear.
- (b) **References:** The references to international Standards should be replaced by references to Australian Standards as follows:

<i>Reference to international Standard</i>	<i>Australian Standard</i>
IEC	AS
191 Mechanical standardization of semiconductor devices	3708 Mechanical standardization of semiconductor devices
191-2 Part 2: Dimensions	3708.2 Dimensions
ISO	
31 General principles concerning quantities, units and symbols	2900 Quantities, units and symbols
31-1 Quantities and units of space and time	2900.1 Part 1: Quantities and units of space and time
261 ISO general purpose metric screws and threads—General plan	1721 General purpose metric screw threads
263 ISO inch screw threads—general plan and selection of screw threads	

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