

Australian Standard<sup>®</sup>

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**Electromechanical components  
for electronic equipment—Basic  
testing procedures and  
measuring methods**

**Part 0: Introduction and list of  
Parts of AS 3726 and IEC 512**

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This Australian Standard was prepared by Committee ET/5, Environmental Testing Procedures. It was approved on behalf of the Council of Standards Australia on 4 April 1995 and published on 5 July 1995.

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The following interests are represented on Committee ET/5:

Army Technology and Engineering Agency  
Australian Chamber of Commerce and Industry  
Australian Electrical and Electronic Manufacturers Association  
Department of Defence (Commonwealth)  
Electricity Supply Association of Australia  
National Association of Testing Authorities Australia  
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## PREFACE

This Standard was prepared by the Standards Australia Committee on Environmental Testing Procedures.

The objective of this Standard is to provide the electrotechnology industry with a complete list of international environmental test procedures published in IEC 512, *Electromechanical components for electronic equipment—Basic testing procedures and measuring methods*, and to indicate where equivalent procedures are published in AS 3726, *Electromechanical components for electronic equipment—Basic testing procedures and measuring methods*.

The reference in the list of Parts of IEC 512 (see Clause 4) to IEC 68, *Environmental testing* (published in over 60 Parts) should be replaced by a reference to AS 1099, *Basic environmental testing procedures for electrotechnology*. Particular reference should be made to AS 1099.0, Part 0: *Introduction and list of Parts of AS 1099 and IEC 68*.

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## STANDARDS AUSTRALIA

## Australian Standard

**Electromechanical components for electronic equipment—  
Basic testing procedures and measuring methods****Part 0: Introduction and list of Parts of AS 3726 and IEC 512**

**1 INTRODUCTION** The AS 3726 series of Standards specifies basic test methods and procedures applicable to electromechanical components for electronic equipment. The series is based on the IEC 512 series of Standards.

This Part of AS 3726 lists all current Parts of AS 3726; also all current Parts of IEC 512, indicating the relevant equivalent Parts of AS 3726. Where there is no equivalent Part of AS 3726, reference should be made to the IEC 512 Part.

**2 LIST OF PARTS OF AS 3726** The Parts of AS 3726 are listed in Appendix A.

**3 CONTENTS OF IEC 512** A list of IEC 512 tests is provided in Appendix B. An index is provided in Appendix C.

**4 REFERENCED DOCUMENTS** The references to IEC Standards in the list of Parts of IEC 512 (see Clause 5) should be replaced, where appropriate, by references to the following Australian Standards:

IEC		AS	
68	Environmental testing  (Various Parts, <i>see</i> AS 1099.0)	1099 1099.0	Basic environmental testing procedures for electrotechnology Part 0: Introduction and list of Parts of AS 1099 and IEC 68
169	Radio-frequency connectors	—	
169-1	Part 1: General requirements and measuring methods		
270	Partial discharge measurements	1018	Partial discharge measurements
352	Solderless connections	2948	Solderless connections
352-1	Part 1: Solderless wrapped connections—General requirements, test methods and practical guidance	2948.1	Part 1: Solderless wrapped connections—General requirements, test methods and practical guidance
695	Fire hazard testing	2420	Fire test methods for solid insulating materials and non-metallic enclosures used in electrical equipment
695-2	Part 2: Test methods		
695-2-1	Section 1: Glow-wire test and guidance		
695-2-1	Section 2: Needle-flame test		
CSIR			
17	Methods of measurement of the suppression characteristics of passive radio interference filters and suppression components	—	