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Australian Standard 1541, Part 51.2—1983

**FIXED CAPACITORS FOR USE IN
ELECTRONIC EQUIPMENT**

**Part 51.2—BLANK DETAIL
SPECIFICATION
Metallized Paper
Dielectric for Direct
Current**



STANDARDS ASSOCIATION OF AUSTRALIA
Incorporated by Royal Charter



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Australian Electronic Industry Association
Confederation of Australian Industry
Department of Defence
Department of Science and Technology
Institution of Radio and Electronics Engineers, Australia
Telecom Australia

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AUSTRALIAN STANDARD

**FIXED CAPACITORS FOR USE IN
ELECTRONIC EQUIPMENT**

Part 51.2

BLANK

DETAIL SPECIFICATION

**Metallized Paper Dielectric
for Direct Current**

AS 1541, Part 51.2—1983

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PREFACE

This standard was prepared under the authority of the Association's Committee on Capacitors and Resistors as a blank detail specification for use in the qualification of capacitors, according to the requirements of the IEC Quality Assessment System for Electronic Components (IECQ).

It is similar in format and detail to documents prepared on related subjects by IEC Technical Committee TC40, Capacitors and Resistors. It does not relate to any specific IEC publication or draft. It is intended to be used as a Provisional Specification within the IECQ System until replaced by an IEC standard on this specific subject. It is intended always to be used in conjunction with AS 1541, Part 51.1, Sectional Specification.

The following standards are referred to in this standard:

- AS 1099 Basic Environmental Testing Procedures for Electrotechnology
Part 2—Tests (technically identical to IEC 68)
- AS 1199 Sampling Procedures and Tables for Inspection by Attributes
(technically identical to IEC 410)
- AS 1541 Fixed Capacitors for Use in Electronic Equipment
Part 1—Terminology and Methods of Test (technically identical to IEC 384-1)
Part 51.1—Metallized Paper Dielectric for Direct Current (technically identical to IEC 166)

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STANDARDS ASSOCIATION OF AUSTRALIA**Australian Standard****for****FIXED CAPACITORS FOR USE IN ELECTRONIC EQUIPMENT****PART 51.2—BLANK DETAIL SPECIFICATION—METALLIZED PAPER DIELECTRIC
FOR DIRECT CURRENT****FOREWORD****GENERAL REQUIREMENTS**

This blank detail specification specifies requirements for style, layout and minimum content of detail specifications. Detail specifications not complying with these requirements shall not be described as being in accordance with the generic or sectional specifications concerned.

The numbers in bracket in the identification panel on the first page of the detail specification correspond to the following information which shall be inserted in the position indicated.

IDENTIFICATION OF THE DETAIL SPECIFICATION

- (1) The International or National Organization under whose authority the detail specification is drafted.
- (2) The International and/or National Standard number of the detail specification, date of issue and any further information required by the National system.
- (3) The number and issue number of the International or National Generic and/or Sectional specifications.
- (4) The number and the issue number of the blank detail specification.

IDENTIFICATION OF THE COMPONENT

- (5) A short description of the type of component.
- (6) Information on typical construction.
- (7) Outline drawing with major dimensions affecting interchangeability and/or reference to a national or international standard providing such information. Alternatively, this drawing may be given in an Appendix to the detail specification.
- (8) The application or group of applications covered, and/or the quality assessment level covered by the detail specification comparison of the various types of component.
- (9) Reference data on the most important properties of the various types of capacitor.