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INDUSTRIAL
STANDARD

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Japanese Standards Association

JIS C 5201-2-1 : 1998

**Fixed resistors for use
in electronic equipment
Part 2 : Blank detail specification :
Fixed low-power non-wirewound
resistors
Assessment level E**

ICS 31.040.10

Descriptors : power resistors, fixed resistors, electronic equipment and components,
electric power (wattage), ratings

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Foreword

This translation has been made based on the original Japanese Industrial Standard established by the Minister of International Trade and Industry through deliberations at Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law:

Attention shall be drawn to the possibility that a part of this Standard may conflict with a patent right, application for a patent right after opening to the public, utility model right (including those applied before 1993-12-31) or application for registration of utility model after opening to the public which have technical properties. The Minister of International Trade and Industry and the Japanese Industrial Standards Committee are not responsible for identifying the patent right, application for a patent right after opened, utility model right or application for registration of utility model after opening to the public which have the technical properties of this kind.

Group standards The following standards form the specifications for the group of element specified in this Standard.

- JIS C 5201 *General rules of fixed resistors for use in electronic equipment*
- JIS C 5201-1 *Part 1 : Generic specification*
- JIS C 5201-2 *Part 2 : Sectional specification : Fixed low-power non-wirewound resistors*
- JIS C 5201-2-1 *Part 2 : Blank detail specification : Fixed low-power non-wirewound resistors. Assessment level E*
- JIS C 5201-2-2 *Part 2 : Blank detail specification : Fixed low-power non-wirewound resistors. Assessment level F*
- JIS C 5201-4 *Part 4 : Sectional Specification : Fixed power resistors*
- JIS C 5201-4-1 *Part 4 : Blank detail specification : Fixed power resistors. Assessment level E*
- JIS C 5201-4-2 *Part 4 : Blank detail specification : Fixed power resistors. Assessment level F*
- JIS C 5201-4-3 *Part 4 : Blank detail specification : Fixed power resistors, heat-sink types. Assessment level H*
- JIS C 5201-5 *Part 5 : Sectional specification : Fixed precision resistors*
- JIS C 5201-5-1 *Part 5 : Blank detail specification : Fixed precision resistors. Assessment level E*
- JIS C 5201-5-2 *Part 5 : Blank detail specification : Fixed precision resistors. Assessment level F*
- JIS C 5201-6 *Part 6 : Sectional specification : Fixed resistor networks with individually measurable resistors*
- JIS C 5201-6-1 *Part 6 : Blank detail specification : Fixed resistor networks with individually measurable resistors, all of equal value and equal dissipation. Assessment level E*
- JIS C 5201-6-2 *Part 6 : Blank detail specification : Fixed resistor networks with individually measurable resistors, of either different resistance values or different rated dissipations. Assessment level E*

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JIS C 5201-8 *Part 8 : Sectional specification : Fixed chip resistors*

JIS C 5201-8-1 *Part 8 : Blank detail specification : Fixed chip resistors. Assessment level E*

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**Fixed resistors for
use in electronic equipment
Part 2 : Blank detail specification :
Fixed low-power non-wirewound resistors
Assessment level E**

Introduction This Japanese Industrial Standard has been prepared based on IEC 60115-2-1, *Fixed resistors for use in electronic equipment Part 2 : Blank detail specification : Fixed low-power non-wirewound resistors Assessment level E* published in 1982 as the second edition, without modifying their technical contents.

The portions with dotted underlines show the matters not included in the original International Standard. The IEC Standard number is based on the new numbering system of IEC Standards put in force on January 1st 1997, and the Standard published before the said date is numbered by adding 60000 to the former number. This is only the change in the numbering system and the contents remain unchanged.

Blank detail specification This Standard is a supplementary document to the Sectional Specification JIS C 5201-2 and contains requirements for style and layout and minimum content of detail specifications. Detail Specifications not complying with these requirements shall not be considered as being in accordance with IEC Specifications nor shall they be so described.

In the preparation of detail specifications the content of Sub-clause 1.4 of JIS C 5201-2 shall be taken into account.

The numbers between brackets on the first page correspond to the following information which shall be inserted in the position indicated:

Identification of the detail specification

- (1) The "International Electrotechnical Commission" or the National Standards Organization under whose authority the detail specification is drafted.
- (2) The IEC or National Standards 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 IEC or national Generic Specification.
- (4) The IEC or National Standards number of the blank detail specification.

Identification of the resistor

- (5) A short description of the type of resistor.
- (6) Information on typical construction (when applicable).

Remarks : When the resistor is not designed for use in printed board applications, this shall be clearly stated in the detail specification in this position.