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**Marking codes for resistors and
capacitors**

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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by Japan Electronics and Information Technology Industries Association (JEITA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14. Consequently **JIS C 5062:1997** is replaced with this Standard.

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Marking codes for resistors and capacitors

Introduction

This Japanese Industrial Standard has been prepared based on the fifth edition of **IEC 60062** published in 2004 with some modifications of the technical contents by adding a table not described in the corresponding International Standard.

The portions given sidelines or dotted underlines and Annex JA are the matters not stated in the corresponding International Standards.

1 Scope

This Standard specifies marking codes for resistors and capacitors and indexes for the dielectric material of plastic film capacitors.

- a) The code specified in clause **3** gives a colour coding for fixed resistors.

It is intended for use with the values of the E6 to E192 series as specified in **JIS C 5063**.

- b) The code specified in clause **4** gives a system for marking resistance and capacitance values by means of letters and digits.
- c) The code specified in clause **5** gives a system for marking the tolerance on resistance and capacitance values by means of a letter.
- d) The code specified in clause **6** gives systems for marking the date codes on capacitors and resistors by means of letters and digits.
- e) The code (index) specified in clause **7** gives a coding system for the dielectric material.

NOTE : The International Standard corresponding to this Standard is as follows.

IEC 60062:2004 *Marking codes for resistors and capacitors* (MOD)

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standard and **JIS** are IDT (identical), MOD (modified), and NEQ (not equivalent) according to **ISO/IEC Guide 21**.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS C 5063 *Preferred number series for resistors and capacitors*

NOTE : Corresponding International Standard: IEC 60063 *Preferred number series for resistors and capacitors*, Amendment 1 and Amendment 2 (Overall evaluation: IDT)