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STANDARD

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JIS D 5202 : 1998

**Automotive parts — Distributors and
ignition coils — High-tension connec-
tions and low-tension connections**

ICS 43.060.50

Descriptors : road vehicles, private cars, ignition distributors, seatings, dimen-
sions, engine components

Reference number : JIS D 5202 : 1998 (E)



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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of International Trade and Industry through deliberations at Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law. Consequently **JIS D 5202 : 1980** is replaced with **JIS D 5202 : 1998**.

This revision specifies the shape and dimensions of the high-tension and low-tension connections of distributors and ignition coils based on *Part 1: Socket-type* and *Part 2: Plug-types* of **ISO 3553 : 1987 Road vehicles — High-tension connections for ignition coils and distributors** and **ISO 4024 : 1992 Road vehicles — Ignition coils — Low-tension cable connections**, and the specifications of engine mounting of distributors are deleted.

In addition, the specifications of shape and dimensions of the high-tension and primary connections specified in **JIS D 5121 : 1980 Ignition coils for automobiles** are deleted in **JIS D 5121 : 1998**, and they are specified in this Standard.

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Automotive parts— Distributors and ignition coils— High-tension connections and low-tension connections

Introduction This Standard is the Japanese Industrial Standard prepared based on ISO 3553-1 *Road vehicles—High-tension connections for ignition coils and distributors—Part 1 : Socket-type* and ISO 3553-2 *Road vehicles—High-tension connections for ignition coils and distributors—Part 2 : Plug-types* issued in December, 1987 as the first edition, and ISO 4024 *Road vehicles—Ignition coils—Low-tension cable connections* issued in November, 1992 as the second edition, without modifying the technical content.

The parts underlined with dots in this Standard show the matters not specified in the corresponding International Standards.

1 Scope This Standard specifies the essential dimensions of high-tension connections and low-tension connections for distributors and ignition coils used for spark-ignition engines of automobiles.

Remarks : The International Standards corresponding to this Standard are listed as follows.

ISO 3553-1 : 1987 *Road vehicles—High-tension connections for ignition coils and distributors—Part 1: Socket-type*

ISO 3553-2 : 1987 *Road vehicles—High-tension connections for ignition coils and distributors—Part 2 : Plug-types*

ISO 4024 : 1992 *Road vehicles—Ignition coils—Low-tension cable connections*

2 Normative references The following standard contains provisions which, through reference in this Standard, constitute provisions of this Standard. The most recent edition of the standard indicated below shall be applied.

JIS D 5403 Cable terminals for automobiles

Remarks : The items cited from ISO 8092-1 : 1989, *Road vehicles—Flat, quick-connect terminations—Part 1: Tabs for single pole connections* are equivalent to the corresponding items of JIS D 5403.

ISO 8092-2 : 1988, *Road vehicles—Flat, quick-connect terminations—Part 2 : Test and performance requirements for single pole connections*

ISO 10455 : 1992, *Road vehicles—Dry ignition coils using rotating high-voltage distributor*

3 Kind of terminals The kinds of high-tension connections and low-tension connec-