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JIS D 5707 : 1998

**Automotive parts—Flasher units**

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**ICS** 43.040.20

**Descriptors** : road vehicles, private cars, flashing lights, direction indicators

**Reference number** : JIS D 5707 : 1998 (E)

D 5707 : 1998

## 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 5707 : 1986** is replaced with **JIS D 5707 : 1998**.

In this revision, for the purpose of conformity to International Standards, **ISO 4082-1981**, *Road vehicles—Motor vehicles—Flasher units* and **ISO 7588-1983**, *Road vehicles—Relays and flashers—Mounting and positioning dimensions of male tabs and socket apertures for relays and flashers* are basically employed, and **ISO/TR 8857-1986**, *Road vehicles—Flashers—Functional allocation of terminals* is also employed.

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## Automotive parts—Flasher units

**Introduction** This Japanese Industrial Standard has been prepared on the basis of the first edition of **ISO 4082**, *Road vehicles—Motor vehicles—Flasher units* published in 1981, the electric characteristic of the flasher unit has been prepared without any modification in technical contents, and additionally contains the provision item (designation of the product) and the provision contents (marking contents) which are not specified in the corresponding International Standard.

The terminal and mounting and positioning dimensions of the flasher unit which are specified in the first edition of **ISO 7588**, *Road vehicles—Relays and flashers—Mounting and positioning dimensions of male tabs and socket apertures for relays and flashers* published in 1983 are specified as Annex 1 without modification.

The parts underlined with dots in the test of this Standard and in Annex 1 (normative) show the matters not specified in the original International Standard.

**1 Scope** This Standard specifies the electric characteristic and other product requirements of the flasher unit (hereafter, referred to as “flasher”) intended for use on motor vehicles with 12 V or 24 V electric systems, which may or may not be equipped for a trailer.

This Standard also applies to the motorcycle.

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

ISO 4082 : 1981 *Road vehicles—Motor vehicles—Flasher units*

ISO 7588 : 1983 *Road vehicles—Relays and flashers—Mounting and positioning dimensions of male tabs and socket apertures for relays and flashers*

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

JIS C 7506 *Lamps for road vehicles*

Remarks : The cited matters from **IEC 60809** *Lamps for road vehicles—Dimensional, electrical and luminous requirement* are equivalent to the corresponding matters of this Standard.

**3 Definitions** For the purposes of this Standard, the following definitions apply:

- a) **Lamp lighting starting time** The time required from the instant when the flasher circuit is switched to the time when the terminal voltage of the signal lamp reaches 11 V or 22 V.
- b) **Lamp putting-out starting time** The time required from the instant when the flasher circuit is switched to the time when the terminal voltage of the lamp in the first lighting of the signal lamp drops and reaches 3 V or 6 V.
- c) **Lamp lighting continuous time** The time when the terminal voltage of the signal lamp is kept 11 V or 22 V in the first lighting of the signal lamp by the operation of the flasher.