

JIS

JAPANESE INDUSTRIAL STANDARD

**Power transformer
for electronic equipment**

JIS C 6436—1995

Translated and Published

by

Japanese Standards Association

Printed in Japan

**In the event of any doubt arising,
the original Standard in Japanese is to be final authority**

Errata for JIS (English edition) are printed in *Standardization Journal*, published monthly by the Japanese Standards Association.

Errata will be provided upon request, please contact:

Business Department,
Japanese Standards Association
4-1-24, Akasaka, Minato-ku,
Tokyo, JAPAN 107
TEL. 03-3583-8002
FAX. 03-3583-0462

Errata are also provided to subscribers of JIS (English edition) in *Monthly Information*.

JAPANESE INDUSTRIAL STANDARD

J I S

Power transformer for electronic equipment

C 6436-1995

1. Scope This Japanese Industrial Standard specifies iron-core single-phase power transformers, having output not exceeding 1 kVA, for operation at frequency of 50 Hz and 60 Hz and intended for use mainly in electronic equipment (hereafter referred to as "transformers").

Remarks: The following standards are cited in this Standard:

JIS C 0010 Environmental testing Part 1: General and guidance

JIS C 0040 Basic environmental testing procedures Part 2:
Tests. Test Fc and guidance: Vibration (sinusoidal)

JIS C 6435 Testing methods for low frequency transformers
and inductors

2. Type designation

2.1 Structure of type designation The type designation shall be structured by arranging the symbols as follows:

Symbol denoting power transformer	Symbol denoting single phase, 50 Hz or 60 Hz	Symbol denoting shape	Symbol denoting mounting method	Symbol denoting relation between mounting position and terminals	Symbol denoting type of terminals	Symbol denoting classification of rated output
2.2.1	2.2.2	2.2.3(1)	2.2.3(2)	2.2.3(3)	2.2.3(4)	2.2.4
Example: TP	1	1	2	1	2	B

2.2 Symbols

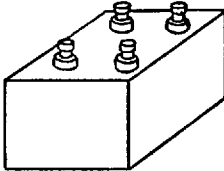
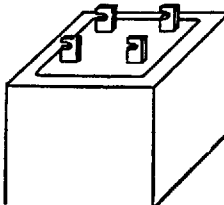
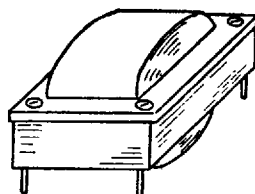
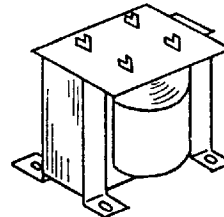
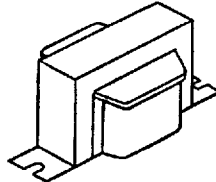
2.2.1 Power transformer The symbol denoting power transformer shall be TP.

2.2.2 Single phase 50 Hz or 60 Hz The symbol denoting single phase 50 Hz or 60 Hz shall be 1.

2.2.3 Construction

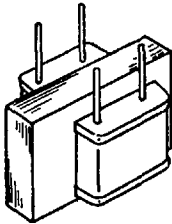
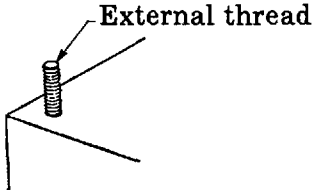
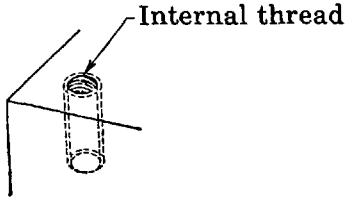
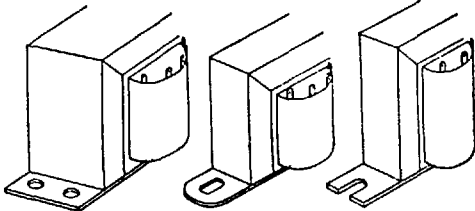
(1) Shape The symbols denoting shape shall be as given in Table 1.

Table 1.

Symbol	Shape	Informative reference
1	Completely enclosed and hermetically sealed construction with metal case and porcelain or glass insulated terminal or the like.	
2	Construction enclosed in a metal case but not completely hermetically sealed.	
3	Open type construction with iron-core surface running parallel to mounting plane.	
4	Open type construction with iron-core surface crossing mounting plane at right angles.	
5	Open type construction with channel frame used for clamping fitting.	
6	Construction with synthetic resin case or moulded or coated with synthetic resin.	
7	Construction having the shape other than 1 to 6.	

- (2) Mounting method The symbol denoting mounting method shall be as given in Table 2.

Table 2.

Symbol	Mounting construction	Informative reference
1	Mounting with leads or the like, mainly for printed-wiring.	
2	Mounting with studs.	 External thread
3	Mounting with tapped hole.	 Internal thread
4	Mounting with round hole, slot, or notched round hole.	 Round hole Slot Notched round hole
5	Mounting with claw.	