

EIA RS-206-C

EIA STANDARD

RECOMMENDED PRACTICE
FOR
PREPARATION OF BASING OR
TERMINAL DIAGRAM

RS-206-C

(Revision of RS-206-B)

JUNE 1980



Engineering Department

ELECTRONIC INDUSTRIES ASSOCIATION

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(From EIA Standards Proposal No. 1278, formulated under the cognizance of TEPAC Committee JT-6 on TV Picture Tubes.)

1. PURPOSE AND SCOPE

It is the purpose of this Standard to establish the basic rules, which shall be used as a guide in the preparation of basing and terminal diagrams for electron tubes and associated sealed devices. It is not intended to be applied to schematic or wiring diagrams although the depiction of the internal connections of the devices may be applicable to such usage if desired.

The rules herein promulgated have been specifically planned to cover low-power high-vacuum, gas and cathode ray tubes, klystrons, and photo-tubes. These rules do not cover other microwave, high-power vacuum, gas, storage, or x-ray tubes, as terminal information for those devices ordinarily is contained in the outline drawing.

2. GENERAL

Basing or terminal diagrams shall indicate the essential electrical connections for electron tubes and associated sealed devices.

The basing or terminal diagram shall consist of a tube graphic symbol, terminal or base-pin symbols and base-pin numbers, and a diagram designation. These symbols shall be used to indicate the functional structure of a tube rather than its physical structure. No lettering shall be a portion of the diagram other than the diagram designation, the terminal or base-pin symbols, and requisite notes as herein defined.

3. GRAPHIC SYMBOLS

Graphic symbols as standardized by the American National Standards Institute (ANSI) in the latest issue of their standard ANSI/IEEE Std. 315-1975 (Y32.2) "Graphic Symbols for Electrical and Electronic Diagrams," shall be used in the preparation of TEPAC (formerly JEDEC) basing and terminal diagrams.

In the absence of suitable symbols as standardized by ANSI, symbols standardized by the Institute of Electrical and Electronic Engineers (IEEE), or symbols established by TEPAC (formerly JEDEC) may be used.

