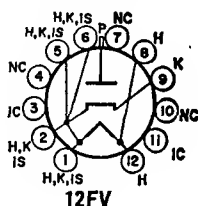


3AT2B**HALF-WAVE
VACUUM RECTIFIER**

Duodecar type used as a high-voltage rectifier to supply power to the anode of the television picture tube. Outlines section, 9B; requires duodecar 12-contact socket. Socket terminals 4, 7, and 10 may be used as tie points for components at or near filament potential. For high-voltage and X-ray safety considerations, refer to page 93. Heater: volts (ac/dc), 3.15; ampere, 0.22.

**Flyback Rectifier**

For operation in a 525-line, 30-frame system

MAXIMUM RATINGS (Design-Maximum Values)

Peak Inverse Plate Voltage#	38000*	volts
Peak Plate Current	88	mA
Average Plate Current	1.7	mA
Heater Voltage:		
Absolute-maximum value	3.65	volts
Absolute-minimum value	2.65	volts

CHARACTERISTIC, Instantaneous Value

Tube Voltage Drop for plate current of 7 mA	60	volts
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X-RADIATION CHARACTERISTIC

X-Radiation, Maximum:		
Statistical value controlled on a lot sampling basis	25	mR/hr

Pulse duration must not exceed 15% of a horizontal scanning cycle (10 microseconds).

* The dc component must not exceed 30000 volts.

Caution—Operation of this tube outside of the maximum values indicated above may result in either temporary or permanent changes in the X-radiation characteristic of the tube. Equipment design must be such that these maximum values are not exceeded.

3AU6

Refer to type 6AU6A.

3AV6

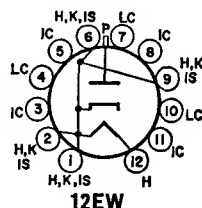
Refer to chart at end of section.

3AW2

Refer to chart at end of section.

3AW2A**HALF-WAVE
VACUUM RECTIFIER**

Duodecar type used as a high-voltage rectifier to supply power to the anode of the picture tube in color and black-and-white television receivers. Outlines section, 9B; requires duodecar 12-contact socket. Socket terminals 4, 7, and 10 may be used as tie points at or near heater potential. For high-voltage and X-ray safety considerations, refer to page 93. Heater: volts (ac/dc), 3.15; ampere, 0.35.

**Pulsed Rectifier**

For operation in a 525-line, 30-frame system

MAXIMUM RATINGS (Design-Maximum Values)

Peak Inverse Plate Voltage#	38000*	volts
Peak Plate Current	110	mA
Average Plate Current	2.2	mA
Heater Voltage:		
Absolute-maximum value	3.65	volts
Absolute-minimum value	2.65	volts

CHARACTERISTIC, Instantaneous Value

Tube Voltage Drop for plate current of 7 mA	60	volts
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