**9U**

HALF-WAVE VACUUM RECTIFIER

2AV2

Miniature type used as a high-voltage, low-current pulse-operated focus rectifier in color television receivers. The filament of the tube can be operated directly across the filament winding of the horizontal-output transformer without a series voltage-dropping resistor. Outlines section, 6B; requires miniature 9-contact socket.

Filament Voltage (ac)	1.8*	volts
Filament Current	0.225	ampere
Direct Interelectrode Capacitance (Approx.):		
Plate to Filament	0.8	pF

Pulsed Rectifier

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

MAXIMUM RATINGS (Design-Maximum Values)

Peak Inverse Plate Voltage#	8250**	volts
Peak Plate Current	50	mA
Average Plate Current	0.6	mA

CHARACTERISTIC, Instantaneous Value

Tube Voltage Drop for plate current of 1 mA	20	volts
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Pulse duration must not exceed 15% of a horizontal scanning cycle (10 microseconds).

** Under no circumstances should this absolute value be exceeded; the dc component must not exceed 7000 volts.

* Under no circumstances should the filament voltage be less than 1.53 volts or greater than 2.07 volts.

Refer to chart at end of section.

2B7

Refer to chart at end of section.

2BA2

Refer to chart at end of section.

**2BJ2
2BJ2A**

Refer to chart at end of section.

2BN4

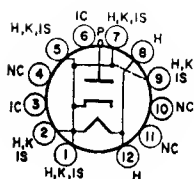
Refer to type 6BN4A.

2BN4A

Refer to type 2BU2/2AH2

2BU2

HALF-WAVE VACUUM RECTIFIER

**2BU2/
2AH2****12JB**

Duodecar type used as a high-voltage rectifier to supply power to the anode of the picture tube in television receivers. Outlines section, 9B; requires 12-contact socket. Socket terminals 4, 10, and 11 may be used as tie points for components at or near heater potential. For high-voltage and X-ray safety considerations, refer to page 93. Heater: volts (ac/dc), 2.5; ampere, 0.33.