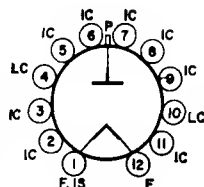


1A3	Refer to chart at end of section.
1A4P	Refer to chart at end of section.
1A5GT	Refer to chart at end of section.
1A6	Refer to chart at end of section.
1A7GT	Refer to chart at end of section.
1AC5	Refer to chart at end of section.

1AD2**HALF-WAVE
VACUUM RECTIFIER**

Duodecar type used as a rectifier in high-voltage pulse circuits of color and black-and-white television receivers. Outlines section, 9A; requires duodecar 12-contact socket. Socket terminals 4 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 type 1G3GT/1B3GT.

**12DQ**

Filament Voltage (ac/dc)	1.25	volts
Filament Current	0.2	ampere
Direct Interelectrode Capacitance (Approx.):		
Plate to Filament	1.6	pF

Pulsed Rectifier

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

MAXIMUM RATINGS (Design-Maximum Values)

Peak Inverse Plate Voltage*	26000*	volts
Peak Plate Current	50	mA
Average Plate Current	0.5	mA

CHARACTERISTICS, Instantaneous Value

Tube Voltage Drop for plate current of 7 mA	225	volts
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* Pulse duration must not exceed 15% of a horizontal scanning cycle (10 microseconds)

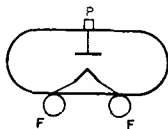
* The dc component must not exceed 22000 volts.

1AD5 Refer to chart at end of section.

1AX2 Refer to chart at end of section.

1AY2**HALF-WAVE
VACUUM RECTIFIER**

Miniature type used to supply high voltage to the anode of the picture tube in television receivers. Outlines section, 33A; requires 2-contact socket. For high-voltage and X-ray safety considerations, refer to type 1G3GT/1B3GT.



Filament Voltage (ac/dc)	1.25	volts
Filament Current	0.2	ampere
Direct Interelectrode Capacitances:		
Plate to Filament	1.4	pF

Pulsed Rectifier

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

MAXIMUM RATINGS (Design-Maximum Values)

Peak Inverse Plate Voltage*	26000*	volts
Peak Plate Current	50	mA
Average Plate Current	0.5	mA

CHARACTERISTICS, Instantaneous Value

Tube Voltage Drop for plate current of 7 mA	75	volts
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* Pulse duration must not exceed 15% of a horizontal scanning cycle (10 microseconds).

* The dc component must not exceed 22000 volts.