

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
Filament Voltage:		
Absolute-maximum value	1.45	volts
Absolute-minimum value	1.05	volts

CHARACTERISTIC, Instantaneous Value

Tube Voltage Drop for plate current of 7 mA	225	volts
---	-----	-------

X-RADIATION CHARACTERISTIC**X-Radiation, Maximum:**

Statistical value controlled on a lot sampling basis	0.5	mR/hr
# Pulse duration must not exceed 15% of a horizontal scanning cycle (10 microseconds).		
* The dc component must not exceed 22000 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.

1AD5

Refer to chart at end of section.

1AX2

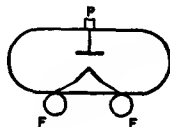
Refer to chart at end of section.

1AY2

Refer to chart at end of section.

1AY2A**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 page 93.



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

Flyback 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
Filament Voltage:		
Absolute-maximum value	1.45	volts
Absolute-minimum value	1.05	volts

CHARACTERISTIC, Instantaneous Value

Tube Voltage Drop for plate current of 7 mA	100	volts
---	-----	-------

X-RADIATION CHARACTERISTIC**X-Radiation, Maximum:**

Statistical value controlled on a lot sampling basis	0.5	mR/hr
# Pulse duration must not exceed 15% of a horizontal scanning cycle (10 microseconds).		
* The dc component must not exceed 22000 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.

1B3GT

Refer to chart at end of section.

For replacement use type 1G3GTA/1B3GT.