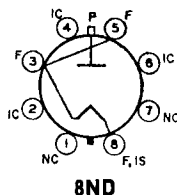


1DG3A**HALF-WAVE
VACUUM RECTIFIER**

Glass octal type used as a high-voltage rectifier to supply power to the television picture tube. **Outlines section, 14J**; requires octal socket. Socket terminals 1 and 7 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. **Filament:** volts (ac/dc), 1.25; ampere, 0.2.

**8ND****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	225	volts
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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.

● 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.

1DN5

Refer to chart at end of section.

1E5GP

Refer to chart at end of section.

1E7GT

Refer to chart at end of section.

1E8

Refer to chart at end of section.

1F4

Refer to chart at end of section.

1F5G

Refer to chart at end of section.

1F6

Refer to chart at end of section.

1F7G

Refer to chart at end of section.

**1G3GT/
1B3GT**

Refer to chart at end of section.

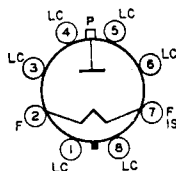
For replacement use type 1G3GTA/1B3GT.

1G3GTA

For replacement use type 1G3GTA/1B3GT.

**1G3GTA/
1B3GT****HALF-WAVE
VACUUM RECTIFIER**

Glass octal type used as a high-voltage rectifier to supply power to the anode of the television picture tube. **Outlines section, 14B**; requires octal socket. Socket terminals 4 and 6 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. **Filament:** volts (ac/dc), 1.25; ampere, 0.2.

**3C**

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
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X-RADIATION CHARACTERISTIC

X-Radiation, Maximum:

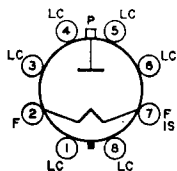
Statistical value controlled on a lot sampling basis	0.5	mR/hr
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Pulse duration must not exceed 15% of a horizontal scanning cycle (10 microseconds).

* The dc component must not exceed 21000 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.

- Refer to chart at end of section. **1G4GT**
- Refer to chart at end of section. **1G5G**
- Refer to chart at end of section. **1G6GT**
- Refer to chart at end of section. **1H4G**
- Refer to chart at end of section. **1H5GT**
- Refer to chart at end of section. **1H6G**
- Refer to chart at end of section. **1J3**
- Refer to chart at end of section. **1J5G**
- Refer to chart at end of section. **1J6G**
1J6GT
- Refer to chart at end of section. **1K3**
1K3/1J3



3C

HALF-WAVE VACUUM RECTIFIER 1K3A/1J3

Glass octal type used as a high-voltage rectifier to supply power to the anode of the television picture tube. Outlines section, 14B; requires octal socket. Socket terminals 4 and 6 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.

Filament: volts (ac/dc), 1.25; ampere, 0.2.

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 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.

1L4	Refer to chart at end of section.
1L6	Refer to chart at end of section.
1LA4	Refer to chart at end of section.
1LA6	Refer to chart at end of section.
1LB4	Refer to chart at end of section.
1LC5	Refer to chart at end of section.
1LC6	Refer to chart at end of section.
1LD5	Refer to chart at end of section.
1LE3	Refer to chart at end of section.
1LG5	Refer to chart at end of section.
1LH4	Refer to chart at end of section.
1LN5	Refer to chart at end of section.
1N2A	Refer to chart at end of section.
1N5GT	Refer to chart at end of section.
1N6G	Refer to chart at end of section.
1P5GT	Refer to chart at end of section.
1Q5GT	Refer to chart at end of section.
1R5	Refer to chart at end of section.
1S2A/DY87	Refer to chart at end of section.
1S4	Refer to chart at end of section.
1S5	Refer to chart at end of section.
1T4	Refer to chart at end of section.
1T5GT	Refer to chart at end of section.
1T6	Refer to chart at end of section.
1U4	Refer to chart at end of section.