

Refer to chart at end of section.

1B4P

Refer to chart at end of section.

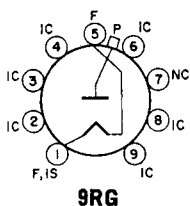
1B5/25S

Refer to chart at end of section.

1B7GT

Refer to chart at end of section.

1BC2



9RG

**HALF-WAVE
VACUUM RECTIFIER**

1BC2A

Miniature type used as a high-voltage rectifier to supply power to the anode of the television picture tube. **Outlines section, 7E.** For high-voltage and X-ray safety considerations, refer to page 93. **Heater: volts (ac/dc), 1.25; amperes, 0.2.**

Flyback Rectifier

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

MAXIMUM RATINGS (Design-Maximum Values)

| | | |
|-----------------------------|--------------------|-------|
| Peak Inverse Plate Voltage# | 18000 [▲] | volts |
| Peak Plate Current | 45 | 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 | 80 | 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 15000 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.

**1BH2
1BH2A**

Refer to chart at end of section.

1C5GT

Refer to chart at end of section.

1C6

Refer to chart at end of section.

1C7G

Refer to chart at end of section.

1C21

Refer to chart at end of section.

**1D5GP
1D5GT**

Refer to chart at end of section.

1D7G

Refer to chart at end of section.

1D8GT

Refer to chart at end of section.

1DG3