

3A3

Refer to chart at end of section.

3A3/3B2

Refer to chart at end of section.

3A3A**3A3A/3B2**

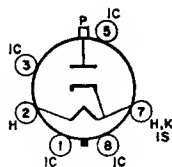
Refer to chart at end of section.

3A3B

Refer to chart at end of section

3A3C**HALF-WAVE
VACUUM RECTIFIER**

Glass octal type used as a rectifier in high-voltage pulse circuits of color television receivers. Outlines section, 14F; requires octal socket. Socket terminals 1, 3, 4, 5, 6, and 8 may be connected to terminal 7. Socket terminals 4 and 6 may be used as tie points at or near cathode potential. For high-voltage and X-ray safety considerations, refer to page 93.

**8EZ**

Heater Voltage (ac)	3.15	volts
Heater Current	0.22	ampere
Direct Interelectrode Capacitances:		
Plate to Heater, Cathode, and Internal Shield	1.5	pF

Pulsed Rectifier**MAXIMUM RATINGS (Design-Maximum Values)**

Peak Inverse Plate Voltage#	3800*	volts
Peak Plate Current	100	mA
Average Plate Current	2	mA
Heater Voltage:		
Absolute-maximum value	3.65	volts
Absolute-minimum value	2.65	volts

CHARACTERISTIC, Instantaneous Value

Tube Voltage Drop (Approx.) for plate current of 7 mA	100	volts
---	-----	-------

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

Statistical value controlled on a lot sampling basis	25	mR/hr
--	----	-------

Pulse duration must not exceed 15% of a horizontal scanning cycle (10 microseconds).

* DC component must not exceed 30000 volts.

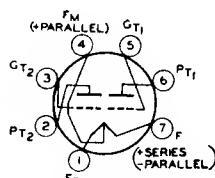
Caution—Operation of this tube outside of the maximum values indicated above may result in either temporary or permanent changes in the X-radiation characteristic of the tube. Equipment design must be such that these maximum values are not exceeded.

3A4

Refer to chart at end of section.

3A5**INDUSTRIAL
TYPE****H-F TWIN TRIODE**

Miniature type twin triode used as a A-F power amplifier or an R-F power amplifier or oscillator. Each triode can be used independently of the other. Outlines section, 5C; requires miniature 7-contact socket.

**7BC**

Filament Arrangement	Series*	Parallel**	volts
Filament Voltage (dc)	2.8	1.4	ampere
Filament Current	0.11	0.22	