

5U8

Refer to type 6U8A.

5U9/LCF201

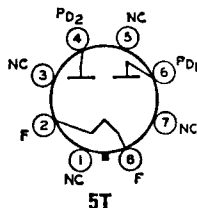
Refer to chart at end of section.

5V3Refer to chart at end of section.
For replacement use type 5V3A/5AU4.**5V3A**

For replacement use type 5V3A/5AU4.

5V3A/5AU4**FULL-WAVE
VACUUM RECTIFIER**

Glass octal type used in power supplies of color and black-and-white television receivers and other equipment having high dc requirements. Outlines section, 19E; requires octal socket. Vertical mounting is preferred, but horizontal mounting is permissible if pins 2 and 4 are in vertical plane. It is especially important that this tube, like other power-handling tubes, be adequately ventilated. For discussion of Rating Chart, refer to Interpretation of Tube Data. Filament: volts (ac/dc), 5; amperes, 3.

**Full-Wave Rectifier****MAXIMUM RATINGS (Design-Maximum Values)**

Peak Inverse Plate Voltage	1550	volts
Peak Plate Current (Per Plate)	1.4	amperes
Hot-Switching Transient Plate Current (Per Plate)	6.6	amperes
AC Plate-Supply Voltage (Per Plate, rms, without load)	550	volts
Average Output Current (Per Plate)	415°	mA

* With capacitor-input filter for ac plate-supply volts (rms, per plate, without load) = 470.

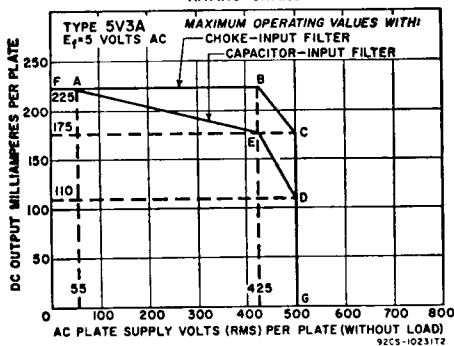
TYPICAL OPERATION

	Filter Input	Capacitor	Choke	
AC Plate-to-Plate Supply Voltage (rms)	850	1000		volts
Filter-Input Capacitor*	40	—		μ F
Effective Plate-Supply Impedance per Plate	50	—		ohms
Minimum Filter-Input Choke	—	10		henries
Average Output Current	350	350		mA
DC Output at Input to Filter (Approx.)	440	390		volts

CHARACTERISTIC

Tube Voltage Drop for plate current of 350 mA (per plate) 42 volts

* When capacitor values greater than 40 μ F are used, the effective plate-supply impedance should be increased so that the maximum rating for peak plate current is not exceeded.

RATING CHART**5V4G**

Refer to chart at end of section.