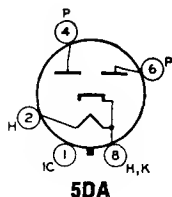


5AR4/ GZ34

FULL-WAVE VACUUM RECTIFIER

Glass octal type used in power supply of television receivers and other equipment having high dc requirements. Outlines section, 13F; requires octal socket. It is especially important that this tube, like other power-handling tubes, be adequately ventilated. Heater: volts (ac/dc), 5; amperes, 1.9.



5DA

Full-Wave Rectifier

MAXIMUM RATINGS (Design-Maximum Values)

Peak Inverse Plate Voltage	1700	volts
Peak Plate Current (Per Plate)	825	mA
Hot-Switching Transient Plate Current (Per Plate)	3.7	amperes
AC Plate-Supply Voltage (Per Plate, rms, without load)	See Rating Chart	
Average Output Current (Per Plate)	See Rating Chart	

TYPICAL OPERATION WITH CAPACITOR INPUT TO FILTER

AC Plate-to-Plate Supply Voltage (rms)	450	550	volts
Effective Plate-Supply Impedance per Plate	160	200	ohms
Average Output Current	225	160	mA
DC Output Voltage at Input to Filter	475	620	volts

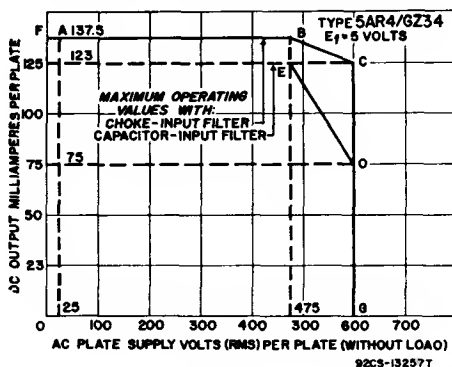
TYPICAL OPERATION WITH CHOKE INPUT TO FILTER

AC Plate-to-Plate Supply Voltage (rms)	450	550	volts
Filter Input Choke	10	10	henries
Average Output Current	250	225	mA
DC Output Voltage at Input to Filter	375	465	volts

CHARACTERISTICS, Instantaneous Value

Tube Voltage Drop for plate current of 225 mA (Per Plate)	—	17	volts
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RATING CHART



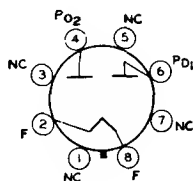
5AS4

Refer to chart at end of section.

5AS4A

FULL-WAVE VACUUM RECTIFIER

Glass octal type used in power supplies of television receivers having high dc requirements. Outlines section, 19D; requires octal socket. This type may be supplied with pins 3, 5, and 7 omitted. Vertical mounting is preferred, but horizontal mounting is permissible if pins 1 and 4 are in vertical plane. It is especially important that this tube, like other power-handling tubes, be adequately ventilated. Heater: volts (ac), 5; amperes, 3. For maximum ratings, typical operation, and curves, refer to type 5U4GB.



5T