

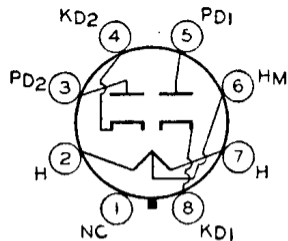
50Y7-GT

VACUUM RECTIFIER-DOUBLER

Glass octal type used as half-wave rectifier or voltage doubler in ac/dc receivers. This type is used particularly in "transformerless" receivers of either the ac/dc type or the voltage-doubler type. The heater is provided with a tap for operation of a panel lamp. Outline 23, OUTLINES SECTION. Tube requires octal socket.

For maximum ratings and typical operation as

half-wave rectifier or voltage doubler without panel lamp, refer to glass octal type 25Z6-GT. When operated with a panel lamp and 250-ohm panel-lamp shunting resistor, ratings and typical operation are the same as for type 25Z6-GT, except that dc output current per plate is 65 ma. Type 50Y7-GT is used principally for renewal purposes.



| | | | | |
|--|------|---|------|--------|
| HEATER VOLTAGE (AC/DC): | | * | ** | |
| ENTIRE HEATER (PINS 2 AND 7)..... | 50 | | 46 | volts |
| PANEL LAMP SECTION (PINS 6 AND 7)..... | 7.5 | | 5.5 | volts |
| HEATER CURRENT: | | | | |
| BETWEEN PINS 2 AND 7..... | 0.15 | | - | ampere |
| BETWEEN PINS 2 AND 6..... | - | | 0.15 | ampere |

* Without panel lamp.

** With No. 40 or No. 47 panel lamp.