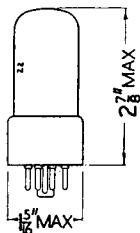
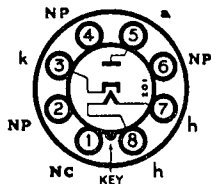


6U4GT

Current Equipment Type



TYPE 6U4GT (OCTAL BASE) EFFICIENCY DIODE



The BRIMAR type 6U4GT is an indirectly heated half-wave rectifier designed for efficiency diode service in television receivers. The high working peak heater to cathode potential renders a separate highly insulated heater supply unnecessary when a line output transformer of the " auto " type is used.

RATINGS

(Absolute Maximum)

Heater Voltage	...	...	...	...	6.3 volts
Heater Current	...	...	...	...	1.2 amps.
Peak Anode Current	...	...	...	...	660 mA max.
Peak Heater Cathode Potential, Heater Positive	...	...	...	...	110 volts abs. max.
Peak Heater Cathode Potential, Heater Negative	...	...	...	...	550 volts abs. max.
*Peak Heater Cathode Potential, Heater Negative	...	...	...	...	3,850 volts abs. max.
*Peak Inverse Voltage	...	...	...	...	3,850 volts max.
Direct Output Current	...	...	...	...	138 mA max.
Hot Switching Transient Anode Current for Duration of 0.2 Seconds Max.	3.85 amps. max.

INTER-ELECTRODE CAPACITANCE

Heater to Cathode ($C_{h, k}$)	8.5 pF
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* For television efficiency diode service, where the duty cycle of the pulse does not exceed 15 per cent of the scanning cycle, and its duration does not exceed 15 micro-seconds.