



# 6T8-A

## TRIPLE-DIODE TRIODE

FOR DETECTOR AND AF VOLTAGE  
AMPLIFIER APPLICATIONS

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### DESCRIPTION AND RATING

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The 6T8-A is identical to the 6T8, except for a controlled heater warm-up characteristic and the heater-cathode voltage ratings. As a result of the controlled warm-up characteristic, the 6T8-A is especially suited for use in television receivers that employ 450-milliamperre, series-connected heaters. Refer to the 6T8 Description and Rating sheet for complete data.

#### GENERAL

Heater Voltage, AC or DC . . . . .	6.3	Volts
Heater Current . . . . .	0.45	Amperes
Heater Warm-up Time* . . . . .	11	Seconds

#### MAXIMUM RATINGS

##### DESIGN-CENTER VALUES

###### Heater-Cathode Voltage

Heater Positive with Respect to Cathode . . . . .	100	Volts
Heater Negative with Respect to Cathode . . . . .	100	Volts

\* The time required for the voltage across the heater to reach 80 percent of its rated value after applying 4 times rated heater voltage to a circuit consisting of the tube heater in series with a resistance equal to 3 times the rated heater voltage divided by the rated heater current.