

# engineering data service

**6BE8A**

## ADVANCE DATA ELECTRICAL DATA

### HEATER CHARACTERISTICS

Heater Voltage	6.3	Volts
Heater Current	450	Ma
Heater Warm-up Time <sup>1</sup>	11	Seconds

**NOTE:**

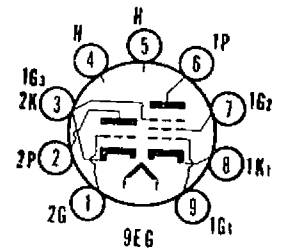
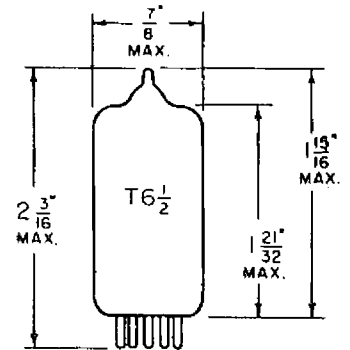
1. Heater Warm-up time is defined as the time required for the voltage across the heater to reach 80% of the rated heater voltage after applying four (4) times rated heater voltage to a circuit consisting of the tube heater in series with a resistance equal to three (3) times the rated heater voltage divided by the rated heater current.

### QUICK REFERENCE DATA

The Sylvania Type 6BE8A is a miniature medium mu triode and sharp cutoff pentode intended for use as a VHF oscillator mixer. The basing is unique in that the pentode No. 3 grid and internal shield are connected to the triode cathode.

The 6BE8A features controlled heater warm-up time and is intended for use in television receivers employing a series heater string.

The 6BE8A is identical to the 6BE8 except for controlled heater warm-up time.



**SYLVANIA ELECTRIC  
PRODUCTS INC.**

**RADIO TUBE DIVISION  
EMPORIUM, PA.**

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