

7V7  
7W7



## 7W7 SHARP-CUTOFF PENTODE

### GENERAL DATA

**Electrical:**

Heater, for Unipotential Cathode:

Voltage. . . . . 6.3<sup>□</sup> . . . . . ac or dc volts

Current. . . . . 0.45<sup>□□</sup> . . . . . amp

Direct Interelectrode Capacitances:<sup>○</sup>

Grid No.1 to Plate . . . 0.0025 max. . . . . μmf

Input. . . . . 9.5 . . . . . μmf

Output . . . . . 7 . . . . . μmf

<sup>○</sup> with external shield connected to cathode.

**Mechanical:**

Mounting Position. . . . . Any

Maximum Overall Length . . . . . 2-25/32"

Maximum Seated Length. . . . . 2-1/4"

Maximum Diameter . . . . . 1-3/16"

Bulb . . . . . T-9

Base . . . . . Lock-in 8-Pin

Basing Designation for BOTTOM VIEW . . . . . 8BJ

Pin 1- Heater

Pin 2- Plate

Pin 3- Grid No.2

Pin 4- Cathode

Pin 5- Grid No.3,

Internal  
Shield

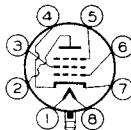
Pin 6- Grid No.1

Pin 7- Cathode

Pin 8- Heater

Plug - Base

Shell



*Maximum Ratings, Typical Operation, and Characteristics  
are the same as for Type 7V7*

<sup>□</sup> Nominal voltage = 7.0 volts.

<sup>□□</sup> Nominal current = 0.48 ampere.