

# BOOSTER DIODE

# PY800

Booster diode for use in television receivers employing  $110^\circ$  deflection angle cathode ray tubes.

## HEATER

|       |     |    |
|-------|-----|----|
| $I_h$ | 300 | mA |
| $V_h$ | 19  | V  |

## CAPACITANCES

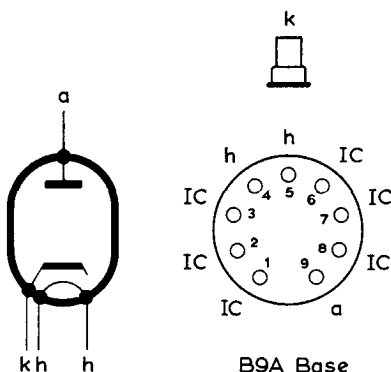
|           |     |      |
|-----------|-----|------|
| $c_{a-k}$ | 6.0 | pF ← |
| $c_{h-k}$ | 2.2 | pF ← |

## LIMITING VALUES

|                                          |      |      |
|------------------------------------------|------|------|
| *P. I. V. max.                           | 5.75 | kV ← |
| $i_a$ (pk) max.                          | 450  | mA ← |
| $I_a$ (av) max.                          | 175  | mA ← |
| * $v_{h-k}$ (pk) max. (cathode positive) | 6.0  | kV ← |

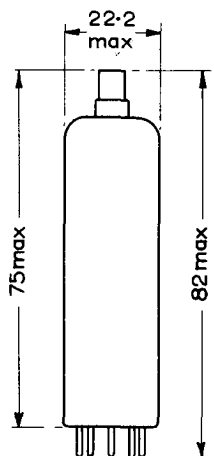
\*Maximum pulse duration 22% of one cycle with a maximum of  $18\mu s$ . ←

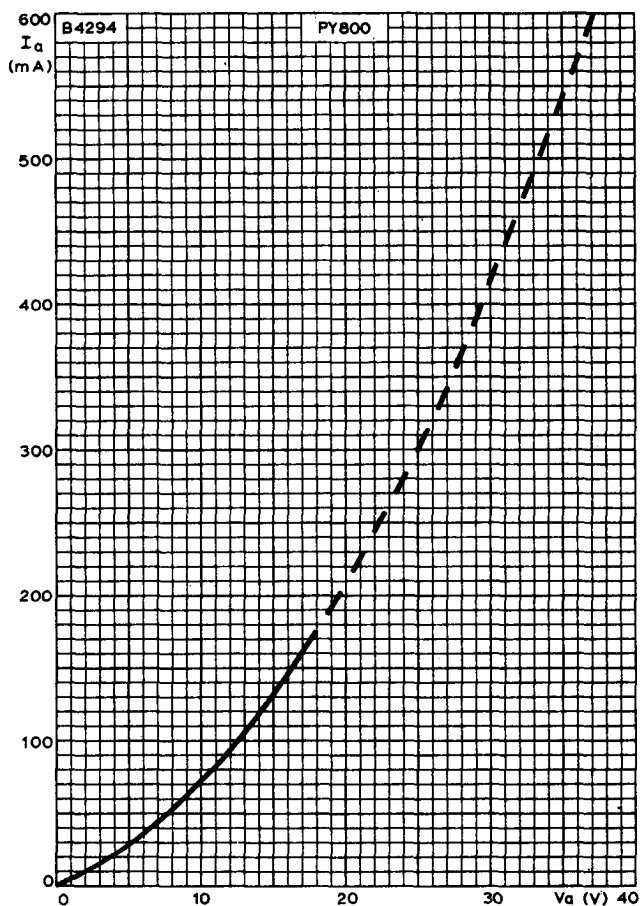
6151



B9A Base

All dimensions in mm





ANODE CURRENT PLOTTED AGAINST ANODE VOLTAGE