



BOOSTER DIODE

An indirectly heated booster diode with high heater cathode insulation. Designed for use with 110° deflection Cathode Ray Tubes in Television Receivers.

PHYSICAL DETAILS.

Base	...	...	...	B9A—Noval
Bulb	...	...	...	Clear
Max. Overall Length	...	...	...	82 mm. (3 $\frac{1}{4}$ in.)
Max. Seated Height	...	...	...	75 mm. (2 $\frac{3}{4}$ in.)
Max. Diameter	...	...	...	22.2 mm. ($\frac{7}{8}$ in.)

BASE CONNECTIONS.

Pin 1—Internal Connection.	Pin 6—Internal Connection
Pin 2—Internal Connection.	Pin 7—Internal Connection
Pin 3—Internal Connection.	Pin 8—Internal Connection
Pin 4—Heater.	Pin 9—Anode
Pin 5—Heater.	T.C.—Cathode

HEATER.

Heater Current	...	...	...	0.3 amp
Heater Voltage	...	...	...	19.0 volts (approx.)

RATINGS.

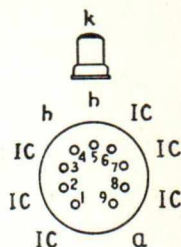
*Max. Peak Inverse Voltage	...	5250 volts
Max. Mean Anode Current	...	150 mA
Max. Peak Anode Current	...	350 mA
*Max. V_{h-k} (pk) (Htr. Negative)	...	5750 volts
*Max. V_{h-a} (pk) (Anode Negative)	...	3000 volts

CAPACITANCES.

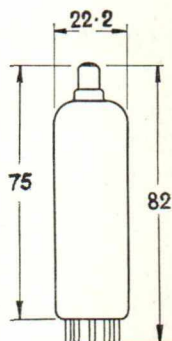
C_{a-k}	...	...	...	4.7 pF
C_{k-h}	...	...	...	1.9 pF

*Max. pulse duration of 22% of one cycle with a maximum of 22 μ secs.

PY800



Base
Connections
Underside View
of Base



Dimensions
shown are in
millimetres
(max.)



TYPICAL ANODE CURRENT/ANODE VOLTAGE CHARACTERISTIC

