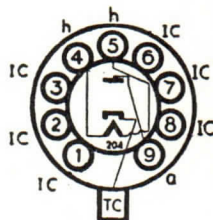
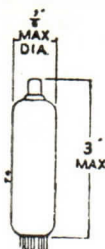


## Current Equipment Type

### TYPE EY83 MINIATURE BOOSTER DIODE



B9A (Noval) Base

The BRIMAR EY83 is an indirectly heated booster diode designed for operation in A.C./D.C. television receivers. The high working peak heater to cathode potential renders the use of a separate, highly insulated heater winding unnecessary.

Heater Current	...	...	...	...	...	1.0 amp.
Heater Voltage	...	...	...	...	...	6.3 volts

#### RATINGS

Peak Anode Current	...	...	...	...	...	500 mA max.
Mean Anode Current	...	...	...	...	...	175 mA max.
Heater-Cathode potential during flyback (heater negative with respect to cathode)†	...	...	...	...	...	5,000 volts max.
Peak Inverse Voltage†	...	...	...	...	...	5,000 volts max.
† Maximum pulse duration 15 per cent. of one cycle with a maximum of 15 μsecs.						

#### INTER-ELECTRODE CAPACITANCES\*

Anode to Cathode	...	...	...	...	...	6.2 pF
Heater to Cathode	...	...	...	...	...	2.1 pF

\* Measured with no external shield.

