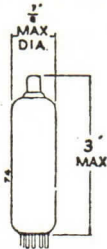
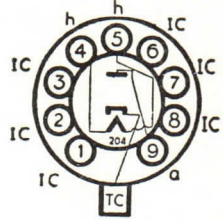


Current Equipment Type



B9A (Noval) Base

TYPE PY83 MINIATURE BOOSTER DIODE



The BRIMAR PY83 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	...	...	...	...	...	...	0.3 amp.
Heater Voltage	...	...	...	...	...	...	20.0 volts nom.

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% of one cycle with a maximum of 15 μ secs.

INTER-ELECTRODE CAPACITANCES *

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

* Measured with no external shield.

