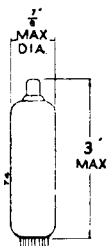
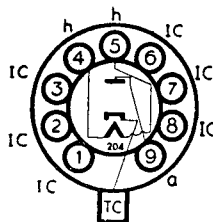


Current Equipment Type

TYPE PY83
MINIATURE
BOOSTER DIODE



B9A (Noval) Base



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 μsecs.

INTER-ELECTRODE CAPACITANCES *

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

* Measured with no external shield.

