

BOOSTER DIODE

PY81

Booster diode with a maximum peak inverse voltage of 4.75kV intended for use in television receivers with series connected heaters.

HEATER

Suitable for series operation a.c. or d.c.

I_h	300	mA
V_h	17	V

CAPACITANCES

C_{a-k}	6.4	pF
C_{h-k}	2.8	pF←

LIMITING VALUES

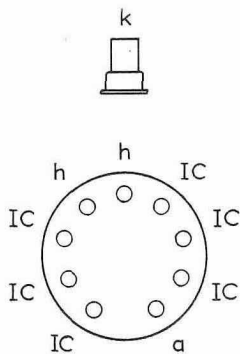
*P.I.V. max.	4.75	kV←
* $i_{a(pk)}$ max.	450	mA
$I_{a(av)}$ max.	150	mA
C max.	4.0	μ F
$V_{h-e(r.m.s.)}$ max.	220	V
* $v_{h-k(pk)}$ max. (cathode positive)	4.75	kV←
* $v_{a-h(pk)}$ max. (anode negative)	3.0	kV

*Maximum pulse duration 22% of one cycle with a maximum of 18 μ s.

PY8I

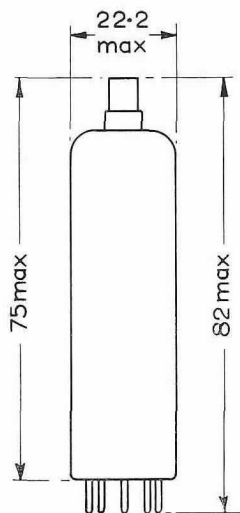
BOOSTER DIODE

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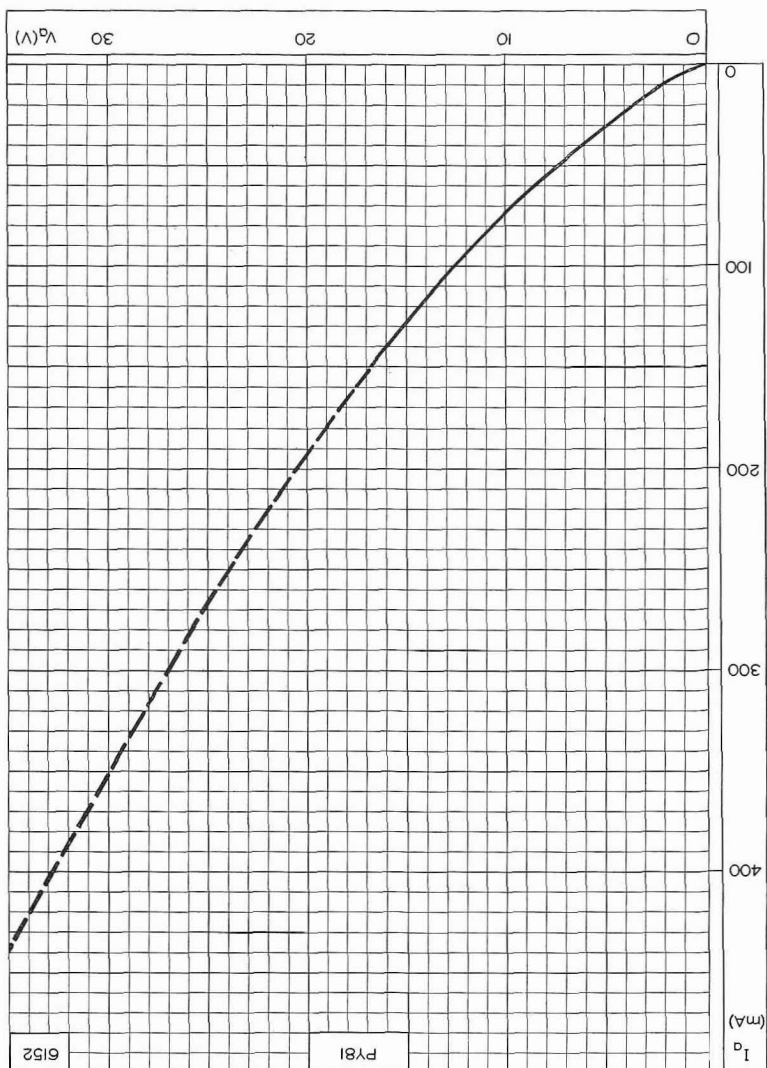
B9A Base

All dimensions in mm





ANODE CURRENT PLOTTED AGAINST ANODE VOLTAGE



PY81

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