

HALF-WAVE RECTIFIER

DY51

High voltage half-wave rectifier with wired-in connections. Suitable for application in portable t.v. receivers.

HEATER

V_h	1.4	V
I_h	550	mA
Heater voltage tolerances $I_{out} \leq 200\mu A$	$\pm 15^*$	%
$I_{out} > 200\mu A$	$\pm 7^*$	%

*These tolerances apply when the power supply voltage is at its nominal value and when a valve having bogey heater characteristics is employed. In addition, fluctuations in the mains supply voltage not exceeding $\pm 10\%$ are permissible.

MOUNTING POSITION

Any

NOTE - Direct soldered connections to the leads of this valve must be at least 10mm from the seal and care should be taken not to bend the leads near the seal.

CAPACITANCE

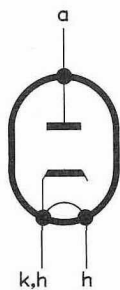
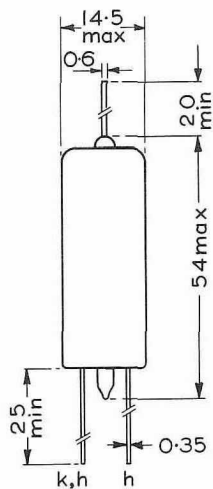
C_{a-k}	0.8	pF
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LIMITING VALUES

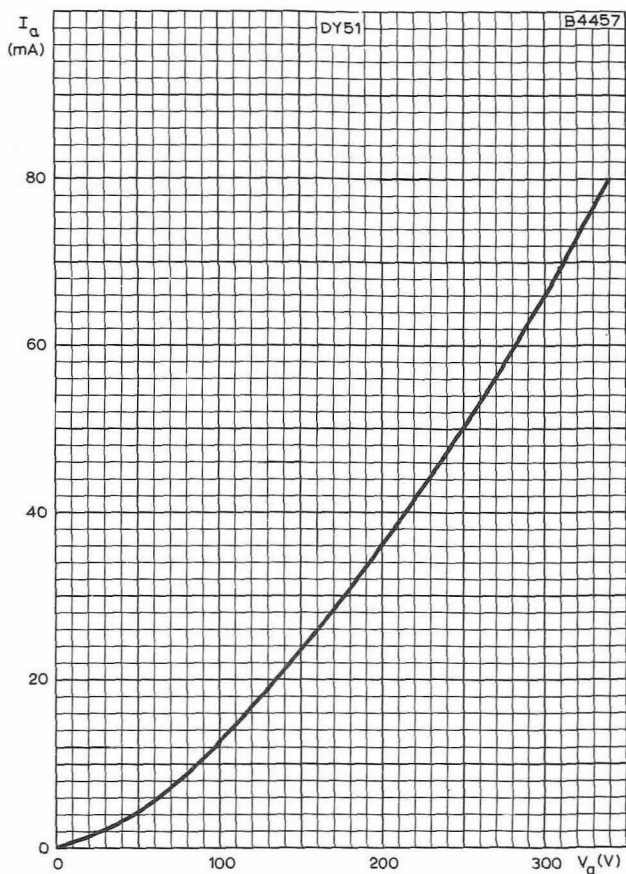
P.I.V. max.	15	kV
I_a (out) max.	350	μA
$i_{a(pk)}$ max	40	mA ←
C max.	2000	pF

*Maximum pulse duration 10% of one cycle with a maximum of $10\mu s$

4778



All dimensions in mm



ANODE CURRENT PLOTTED AGAINST ANODE VOLTAGE

100

100