

Field output pentode for colour television

HEATER

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

I_h	300	mA
V_h	17	V

CAPACITANCES (unshielded)

c_{a-g1}	1.4	pF
c_{g1-h}	< 0.2	pF

CHARACTERISTICS

V_a	50	190	V
V_{g2}	190	190	V
I_a	320 pk	60	mA
I_{g2}	approx. 60	5.0	mA
V_{g1}	-1.0	-17	V
g_m		9.0	mA/V
μ_{g1-g2}		8.0	
r_a		10	k Ω

OPERATING CONDITIONS

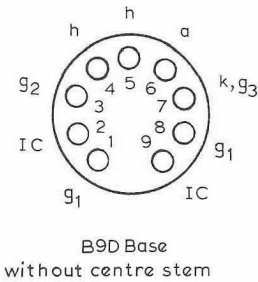
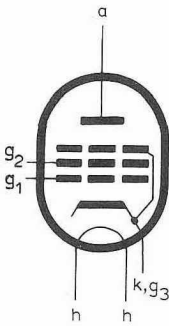
For operating conditions when used as a field output valve in stabilised timebases, see graph on page 5.

RATINGS (DESIGN CENTRE SYSTEM)

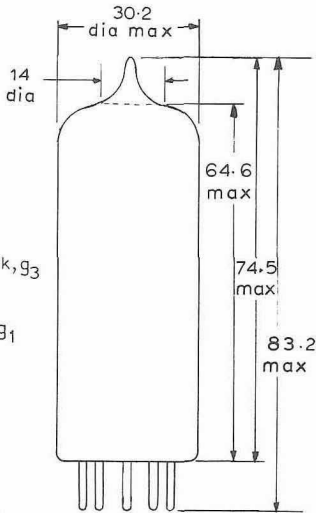
$V_{a(b)}$ max.	700	V
V_a max.	400	V
$*v_{a(pk)}$ max.	2.5	kV
p_a max.	12	W
$V_{g2(b)}$ max.	700	V
V_{g2} max.	275	V
p_{g2} max.	3.0	W
I_k max.	100	mA
R_{g1-k} max. (fixed bias)	1.0	MΩ
R_{g1-k} max. (automatic bias)	2.2	MΩ
V_{h-k} max.	220	V

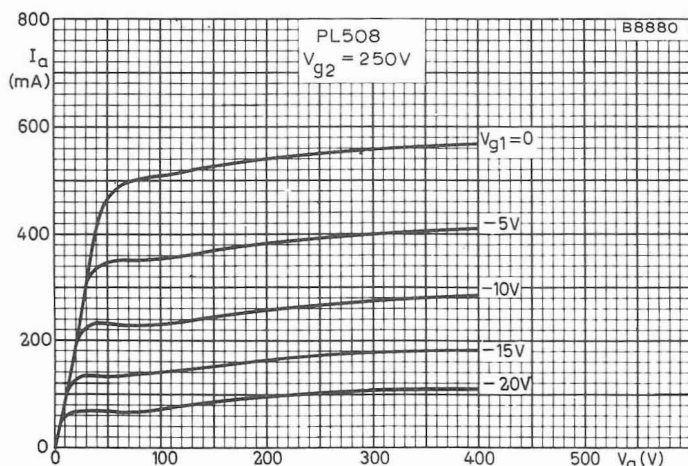
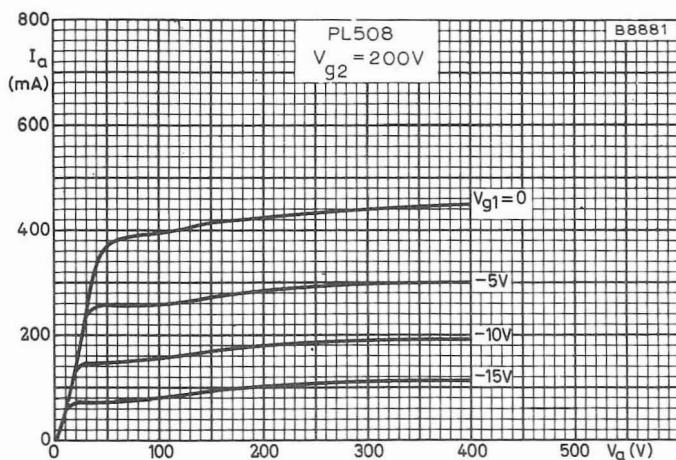
*Maximum pulse duration 5% of one cycle with a maximum of 1ms.

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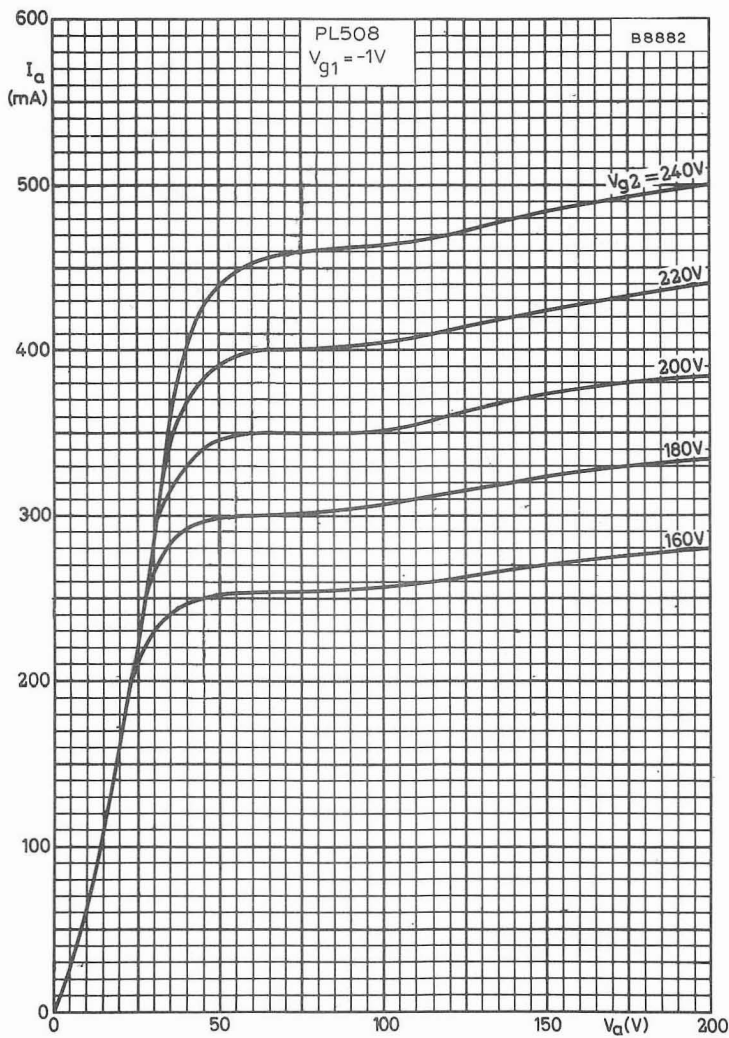
All dimensions in mm





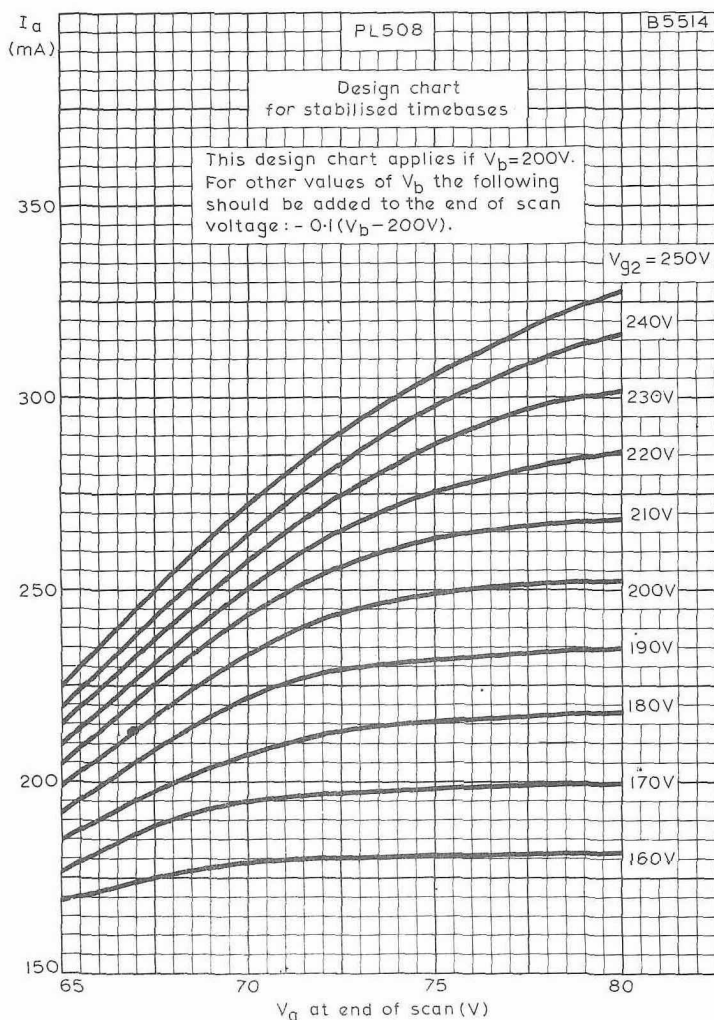
ANODE CURRENT PLOTTED AGAINST ANODE VOLTAGE
WITH CONTROL GRID VOLTAGE AS PARAMETER

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ANODE CURRENT PLOTTED AGAINST ANODE VOLTAGE
WITH SCREEN GRID VOLTAGE AS PARAMETER





DESIGN CHART FOR STABILISED TIMEBASES

