

VOLTAGE INDICATOR

EM84

Electron beam tube for use as a voltage indicator
in broadcast receivers and tape recorders.

HEATER

V_h	6.3	V
I_h	210	mA

MOUNTING POSITION

Any

TYPICAL OPERATING CONDITIONS

(deflection electrode connected to anode)

V_b	250	V
V_t	250	V
R_a	470	k Ω
R_{g-k}	3.0	M Ω
V_g	0	-22 V
I_a	450	60 μ A
I_t	1.0	1.8 mA
*L	21 ± 5	0 mm $\leftarrow$

*Length of column

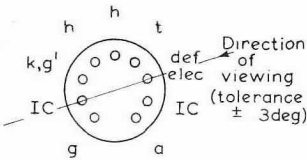
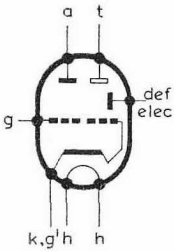
DESIGN CENTRE RATINGS

$V_{a(b)}$ max.	550	V
V_a max.	300	V
p_a max.	500	mW
$V_{t(b)}$ max.	550	V
V_t max.	300	V
V_t min.	170	V
I_k max.	3.0	mA
V_g max. ($I_g = +0.3 \mu$ A)	-1.3	V
R_{g-k} max.	3.0	M Ω
V_{h-k} max.	100	V
T_{bulb} max.	120	$^{\circ}$ C

EM84

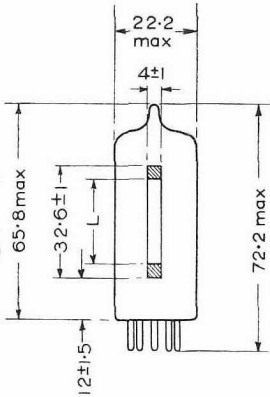
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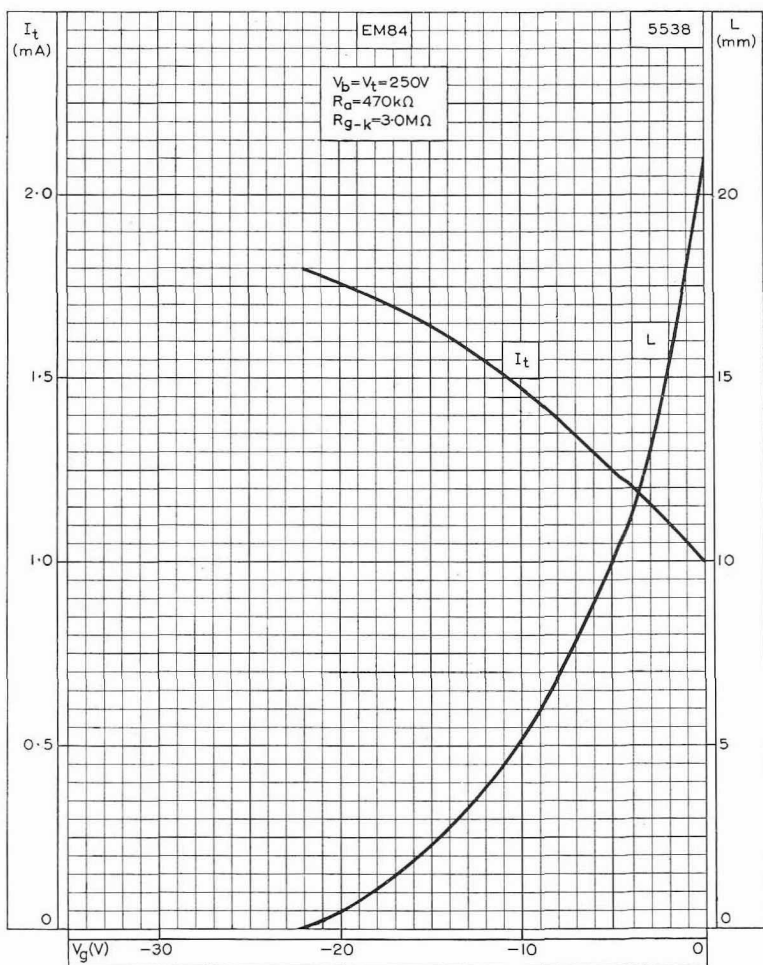
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B9A Base

All dimensions in mm





LENGTH OF COLUMN AND TARGET CURRENT PLOTTED AGAINST
CONTROL-GRID VOLTAGE

