

Mullard

ACORN PENTODE

4695

Heater	Vf = 6.3 V
	If = 0.15 A

Capacities	Cagl < 0.007 uuF
	Cg1 = 3.3 uuF
	Ca = 2.7 uuF
	Cg1f = 0.20 uuF

Operating Conditions

Va		250	V
Vg2		100	V
Vg3		0	V
Ia	6.7		mA
-Vg1	3		V
Ig2	2.7		mA
g	1000		
S	1700		2 uA/V
R1	0.6		>10 megohms

Limiting Values

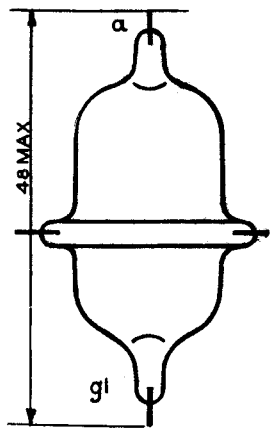
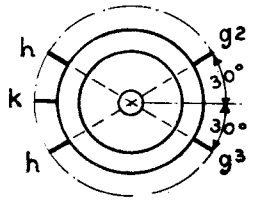
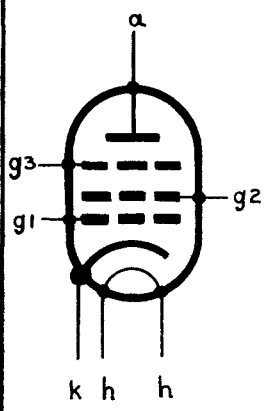
Va max	250	V
Wa max	1.5	W
Vg2 max	125	V
Wg2 max	0.5	W
Ik max	10	mA
-Vg1 max (Igl = +0.3 uA)	1.3	V
Ig2 max	2.3	mA
Ig2 min	1.3	mA
Rgl max	3	megohm
Vfk max	50	V
Rfk max	20,000	ohms

Damping	λ (m)	Z1 (ohms)	Za (ohms)
	5	45,000	100,000
	7	>100,000	>400,000

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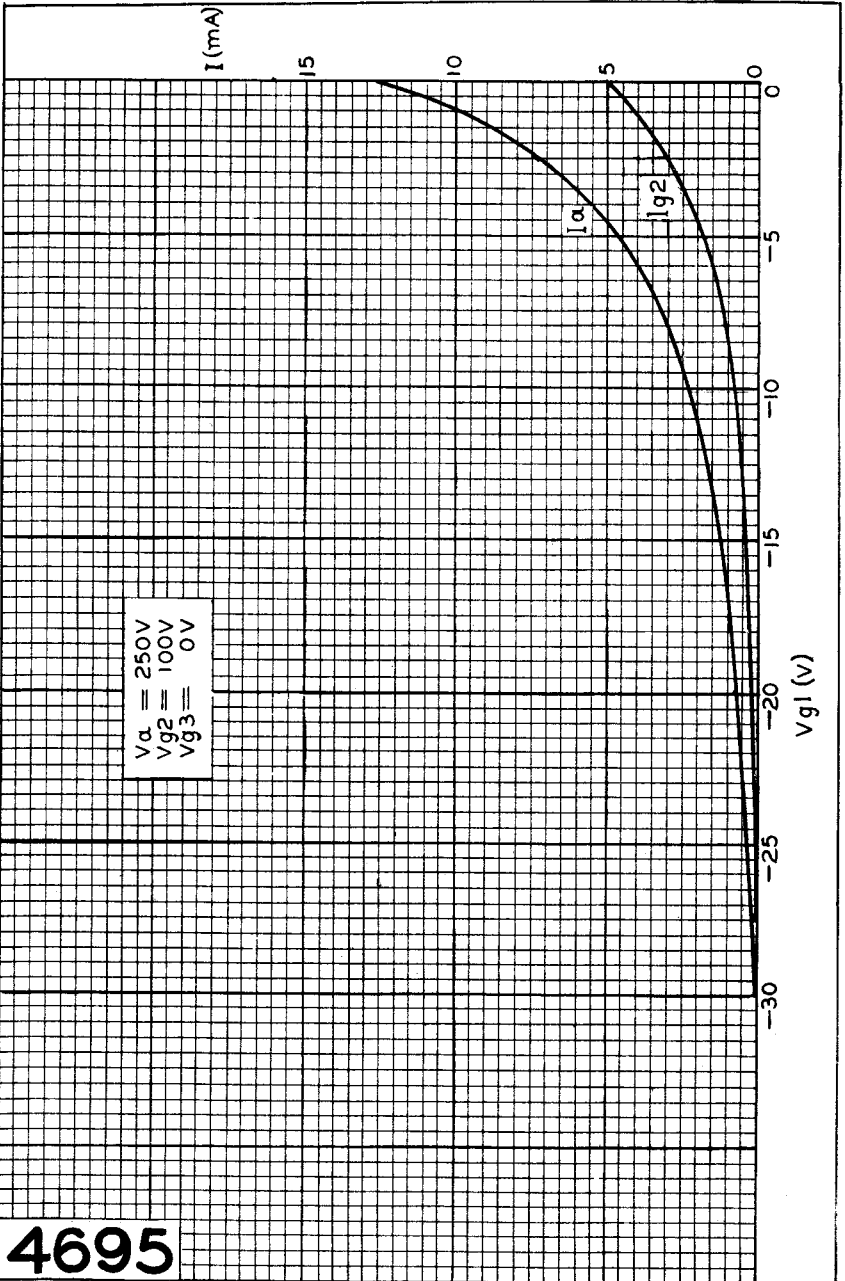
Arrangement of electrodes and base connections.



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$V_{g2} = 100V$
 $V_{g3} = 0V$

$I_a(mA)$

15

10

5

0

$V_{g1} = 0V$

-1V

-2V

-3V

-4V

-5V

-6V

-8V

-10V

-12V

-15V

-20V

600

500

$V_a(V)$

400

200

0