

Mullard

Television Secondary Emission Valve

TSE4

Heater	Vf	=	4.0 V
	If	=	1.1 A

Capacities	Ca	=	9.3 uuF
	Cgl	=	10.0 uuF
	Cagl	=	0.004 uuF

Operating Conditions

Va	.....	250	V
Vg2	.....	150	V
Vk2	.....	150	V
Vg1	.....	-2.5	V
Ia	.....	8	mA
Ig2	.....	0.7	mA
Ik2	.....	6	mA
S (Ia = 8 mA)	.....	14.5	mA/V
Ri (Ia = 8 mA)	.....	100,000	ohms

Limiting Values.

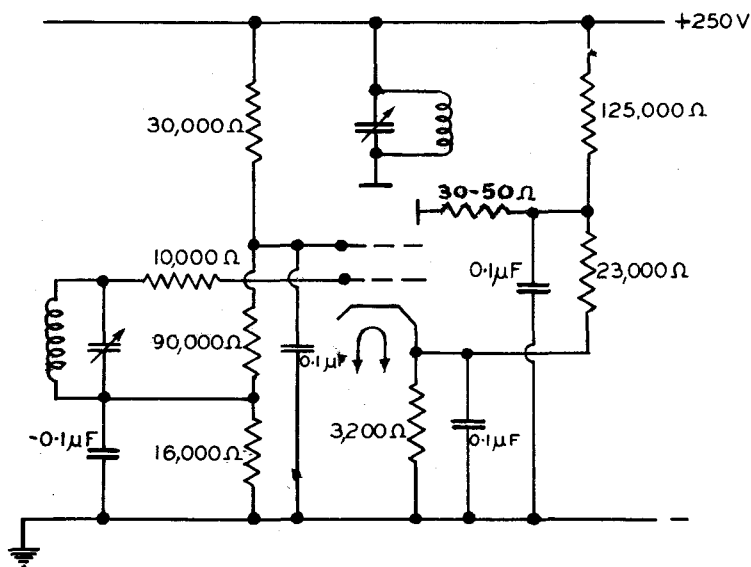
Vao max	.....	550	V
Va max	.....	250	V
Wa max	.....	2	W
Vg2o max	.....	550	V
Vg2 max	.....	150	V
Wg2 max	.....	0.11	W
Vk2o max	.....	550	V
Vk2 max	.....	150	V
Wk2 max	.....	1.1	W
Ik max		4	mA
Vg1 max (Igl = +0.3 uA)		-1.3	V
Rg1a max		2	megohms
Vfk max		50	V
Rfk max		20,000	ohms

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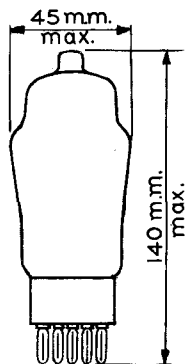
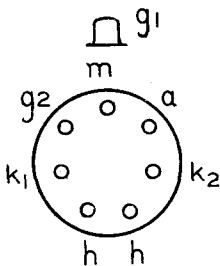
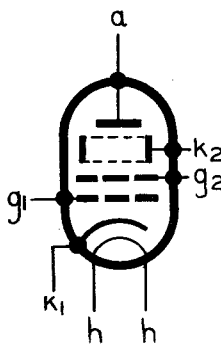
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CIRCUIT DIAGRAM



Arrangement of electrodes and base connections.

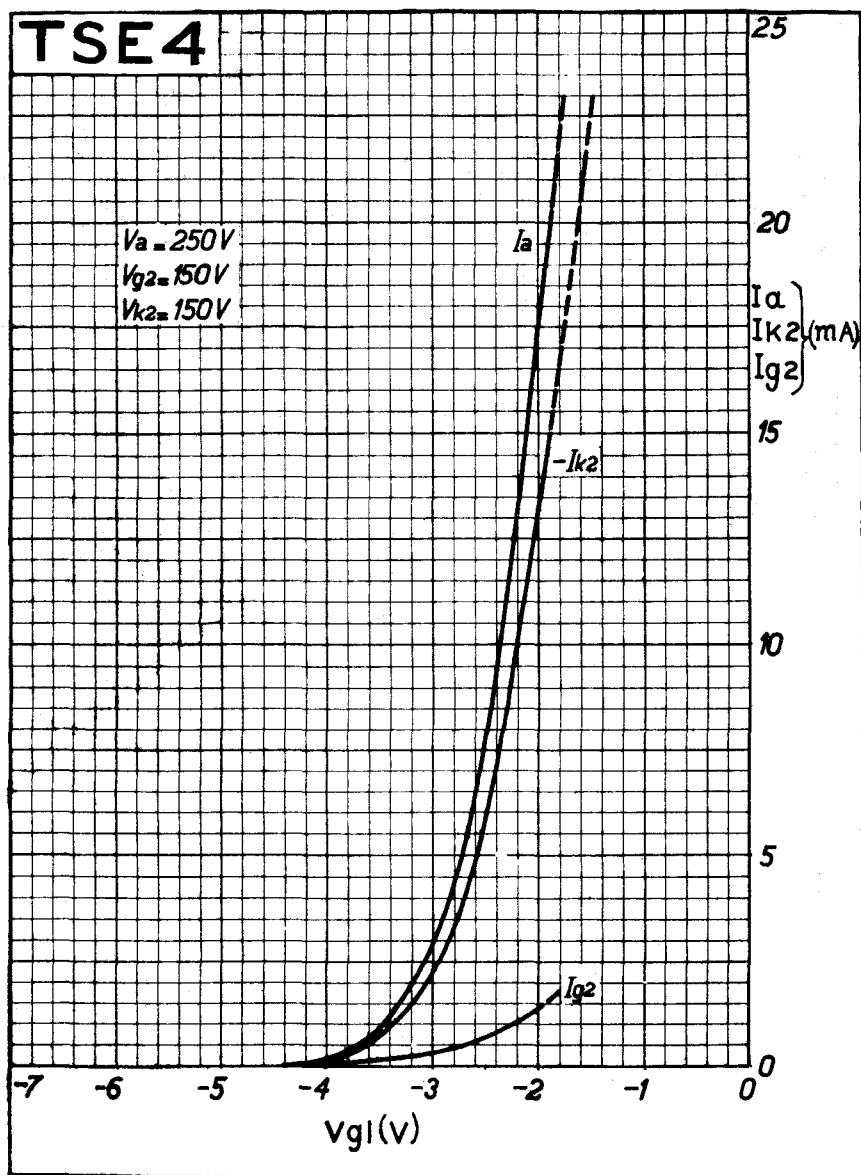


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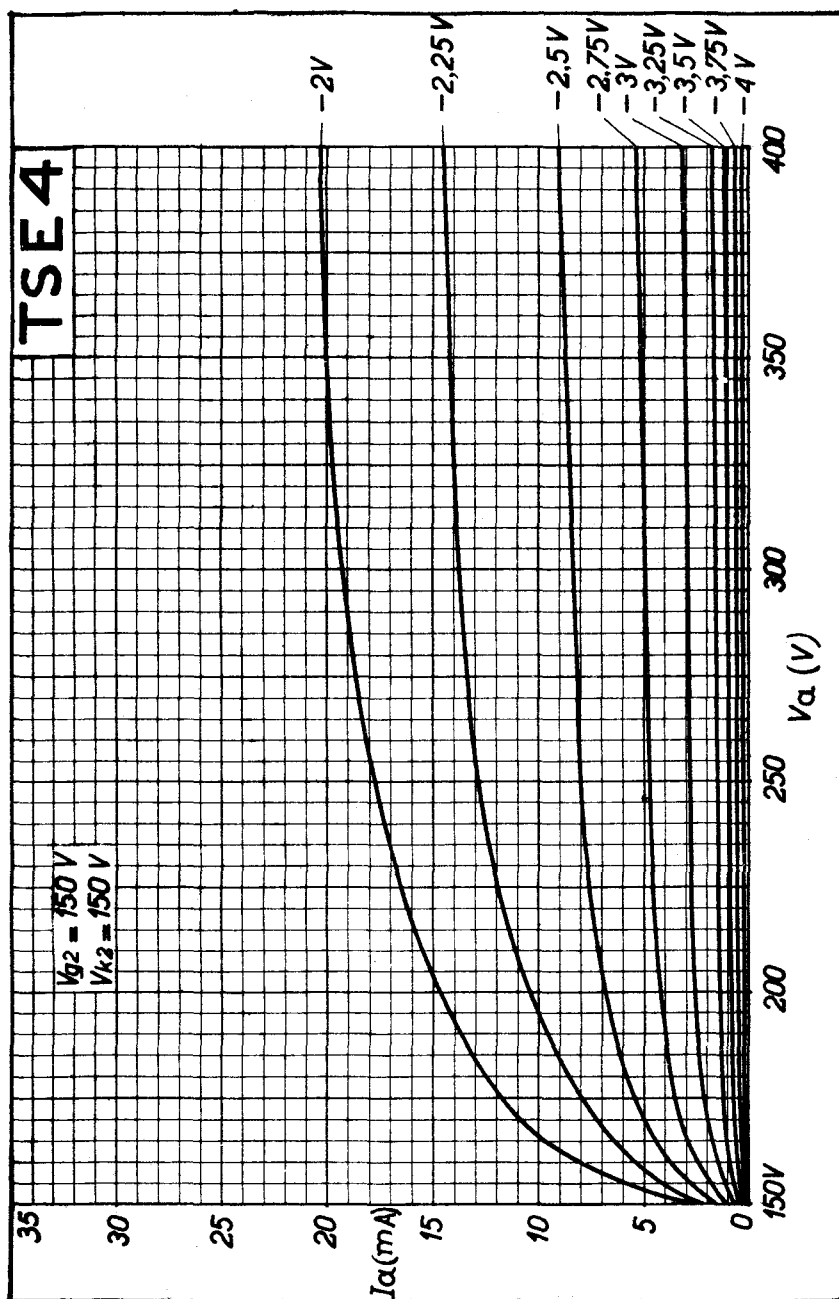
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