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
Vgl	-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.

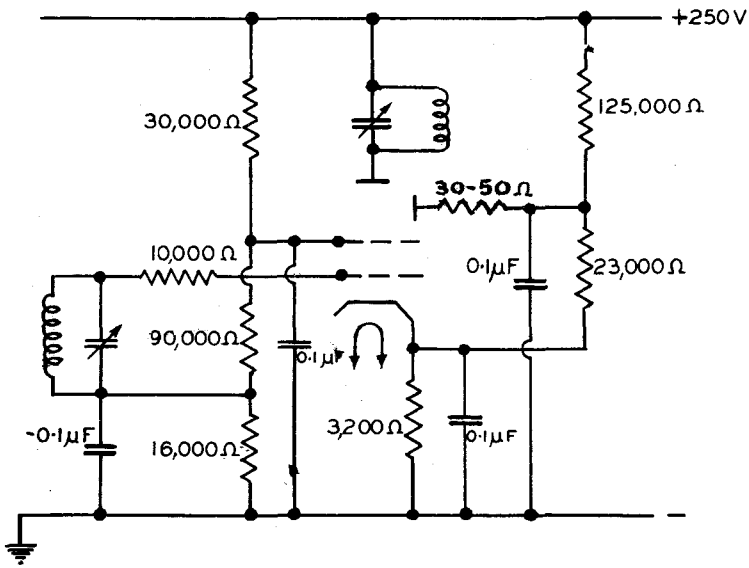
Vao max	550	V
Va max	250	V
Wa max	2	W
Vg2o max	550	V
Vg2 max	150	V
Wg2 max	0.11	W
Vk2o max	550	V
Vk2 max	150	V
Wk2 max	1.1	W
Ik max	4	mA
Vgl max (Igl = +0.3 uA)	-1.3	V
Rgla max	2	megohms
Vfk max	50	V
Rfk max	20,000	ohms

TSE4

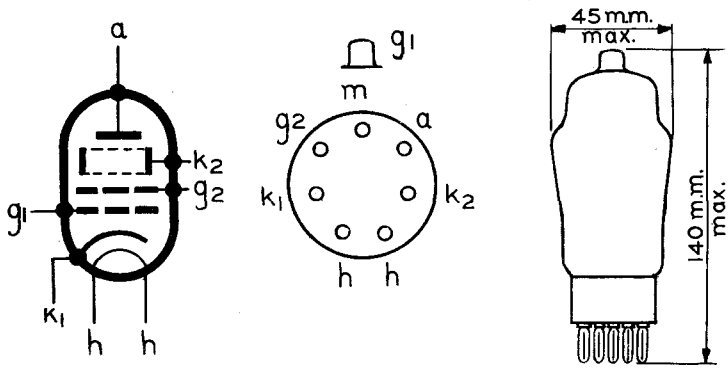
Mullard

Television Secondary Emission Valve

CIRCUIT DIAGRAM



Arrangement of electrodes and base connections.



TSE4

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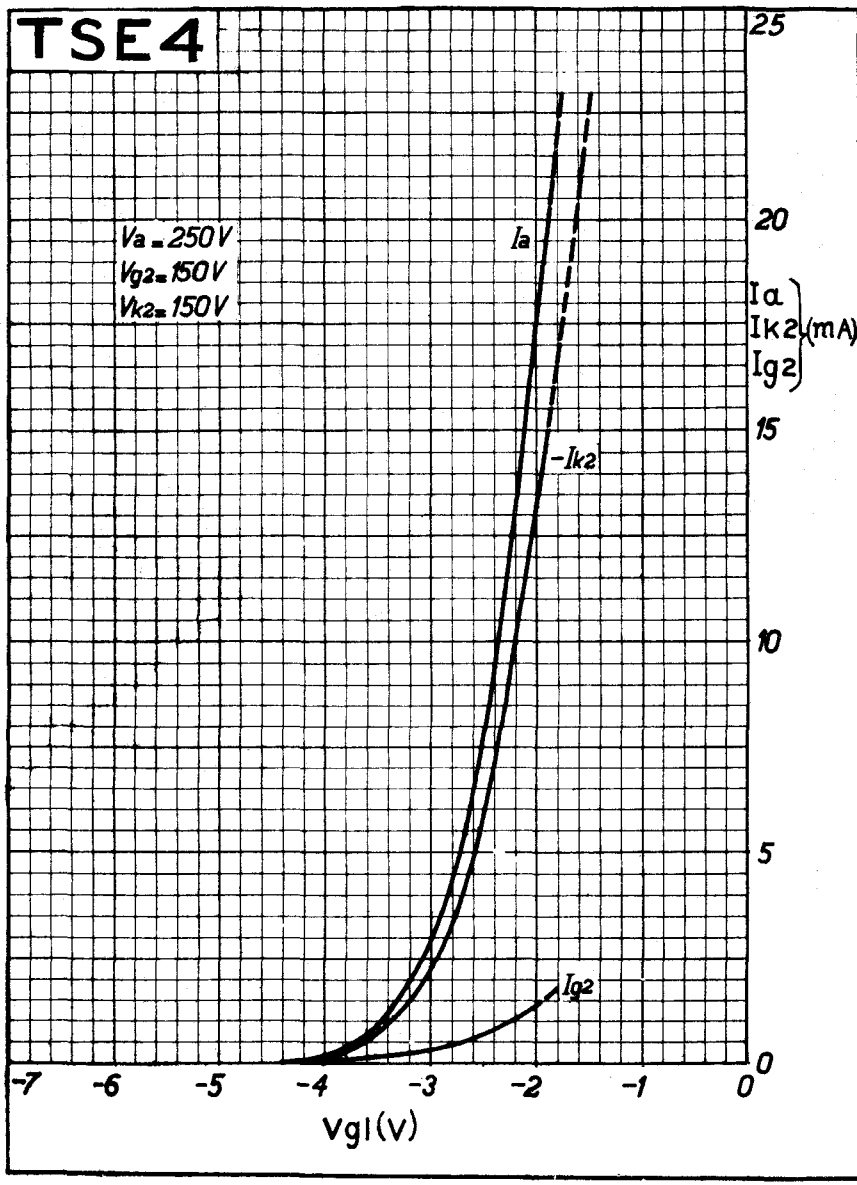
Television Secondary Emission Valve

TSE4



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TSE4

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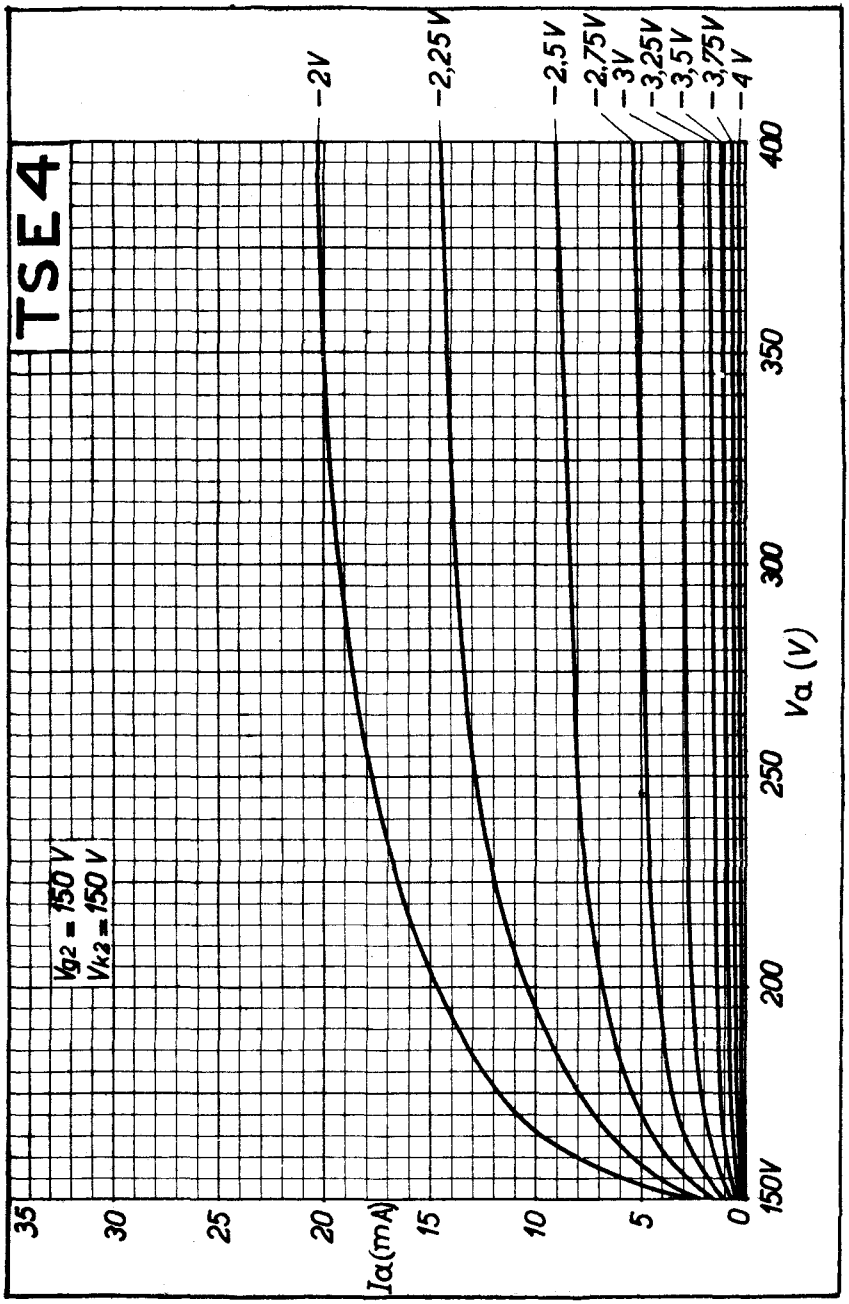
Television Secondary Emission Valve



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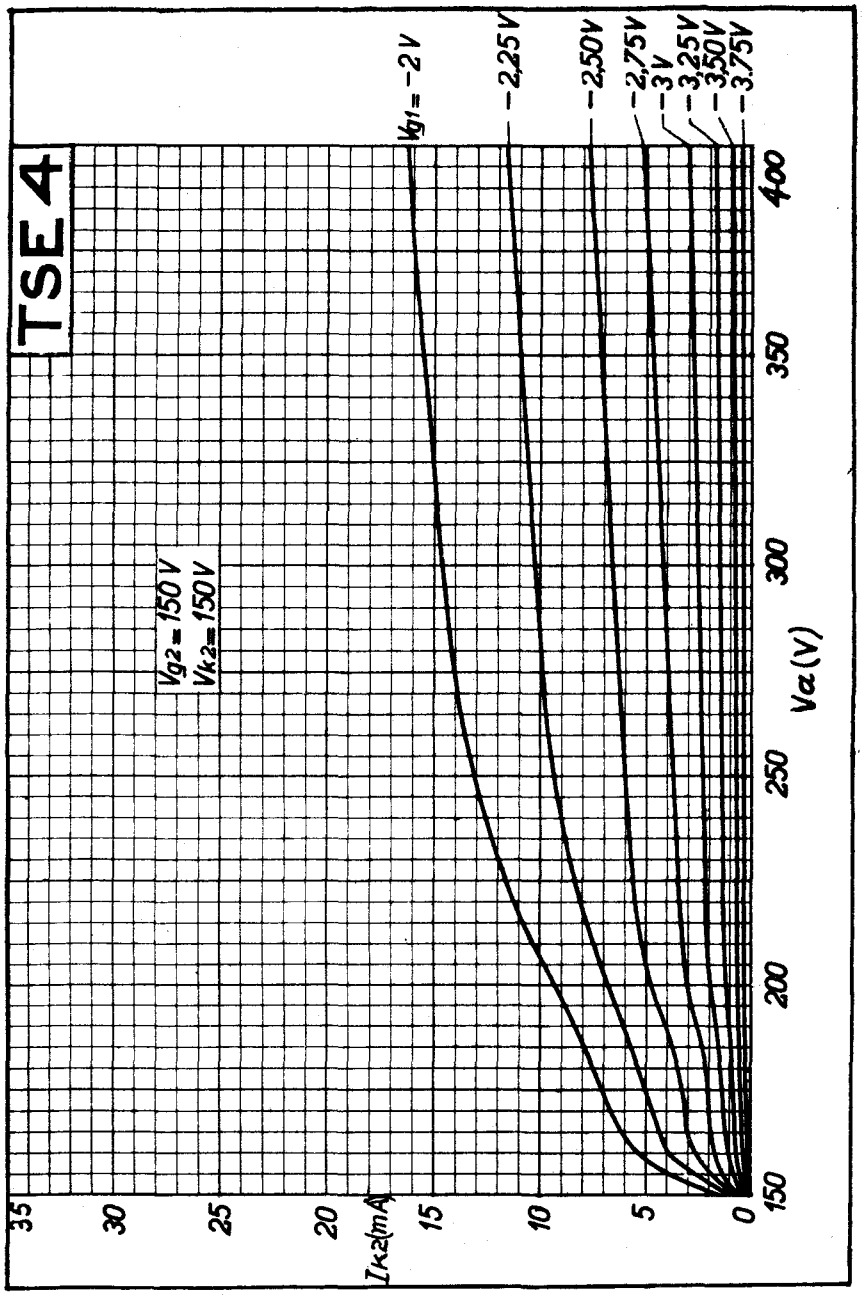
Television Secondary Emission Valve

TSE4



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