

Mullard

TRIODE HEPTODE

TH30C

Heater	Vf	=	29.0 V
	If	=	0.2 A.

Capacities	Heptode	Cgl	=	8.4	uuF
		Ca	=	13.8	uuF
	Triode	Cglg3	=	0.16	uuF
		Cgk	=	13.6	uuF
		Cak	=	3.5	uuF

Operating conditions of heptode system.

Va	.....	250	V
Vg2&4	.....	100	V
Vosc (R.M.S)	.....	8.0	V
-Vgl	.....	2.5	V
Ia	.....	3.25	mA
Ig2&4	.....	6.0	mA
Sc	.....	0.75	mA/V
Ri	.....	1.5	megohms
Rk	.....	140	ohms
Rg3	.....	50,000	ohms

Operating Conditions of triode system.

Va	.....	100	V
Ia	.....	9.5	mA
S max (Vg3=0)	.....	5.5	mA/V
g	.....	17.5	

Limits of heptode system.

Va max	.....	300	V
Wa max	.....	1.0	W
Vg2&4 max	.....	150	V
Wg2&4 max	.....	0.6	W
Ig2&4 max (Vg2&4=100 V, Vgl=-2.5 V, Vosc=8.0 V, Rg3=50,000 ohms.)	.....	7.5	mA
Ik max	.....	25	mA
Vgl max (Igl=+0.3 uA)	.....	-1.3	V
Rgla max	.....	3.0	megohms
Vfk max	.....	100	V
Rfk max		20,000	ohms

Limits of triode system.

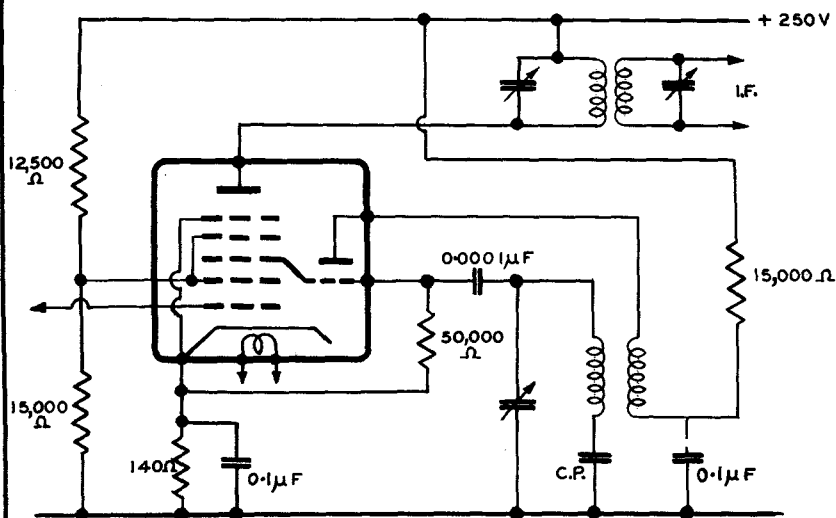
Va max		125	V
Wa max		1.0	W
Vg max (Ig3=+0.3 uA)		-1.3	V

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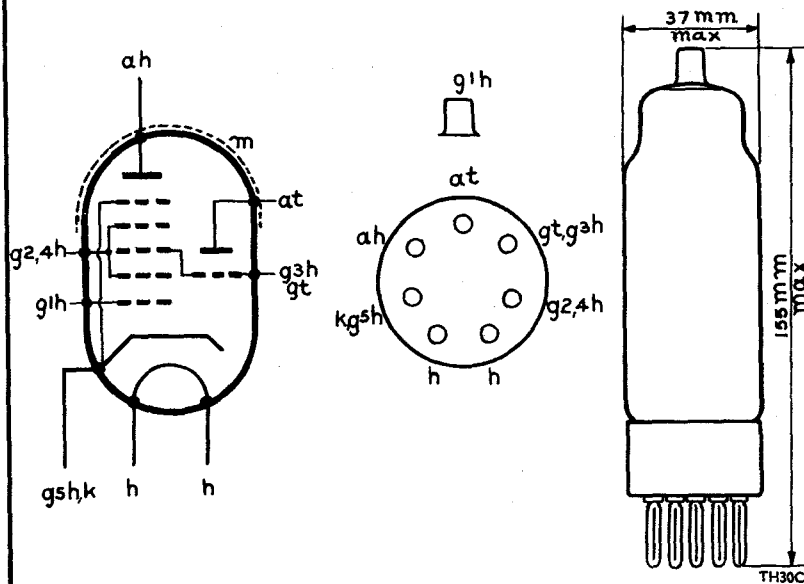
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Circuit Diagram.

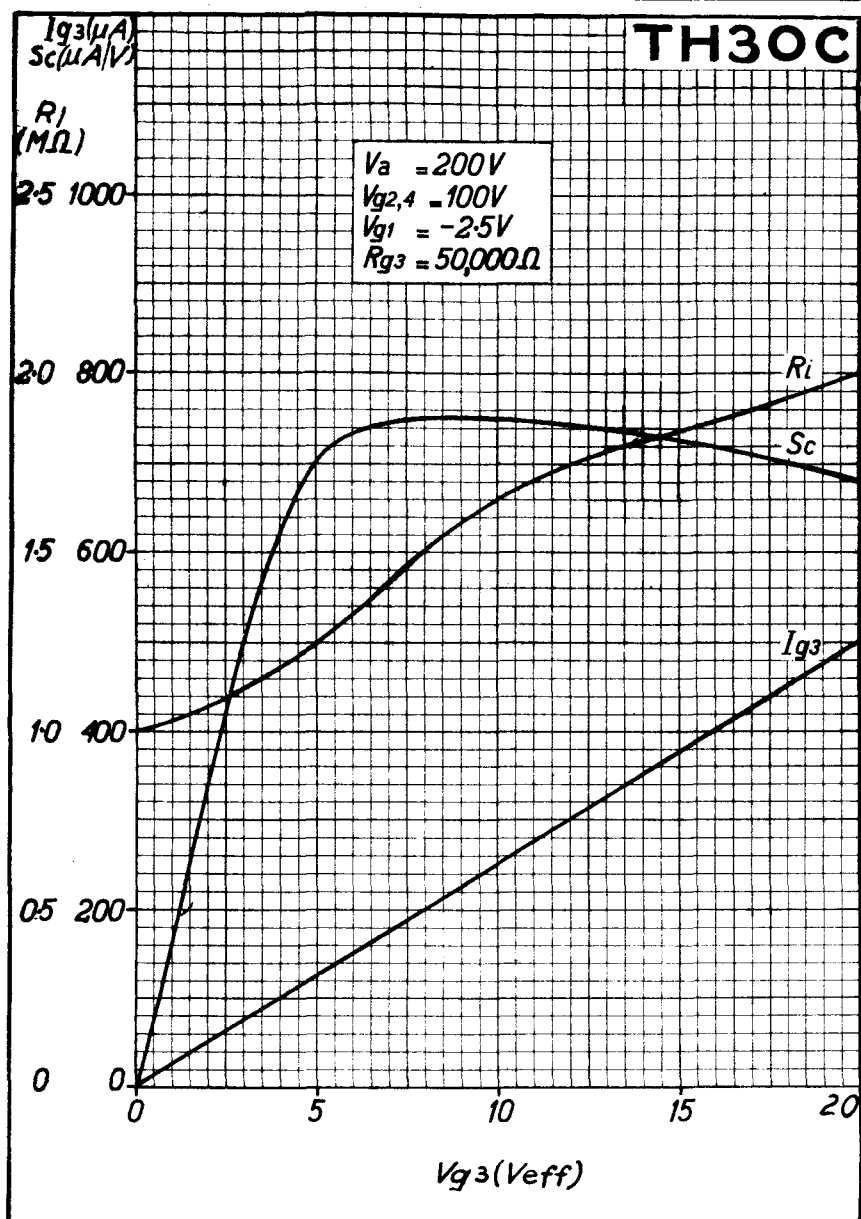


Arrangement of electrodes and base connections.



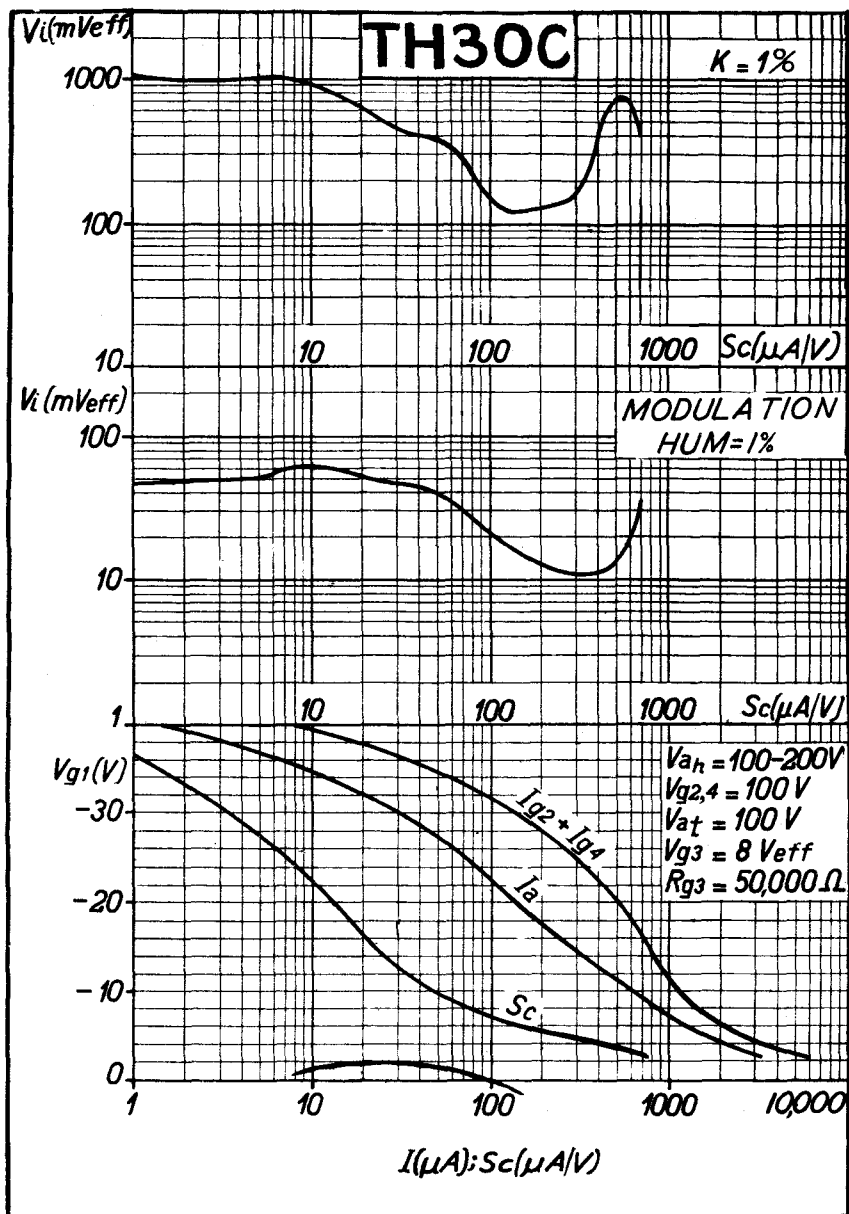
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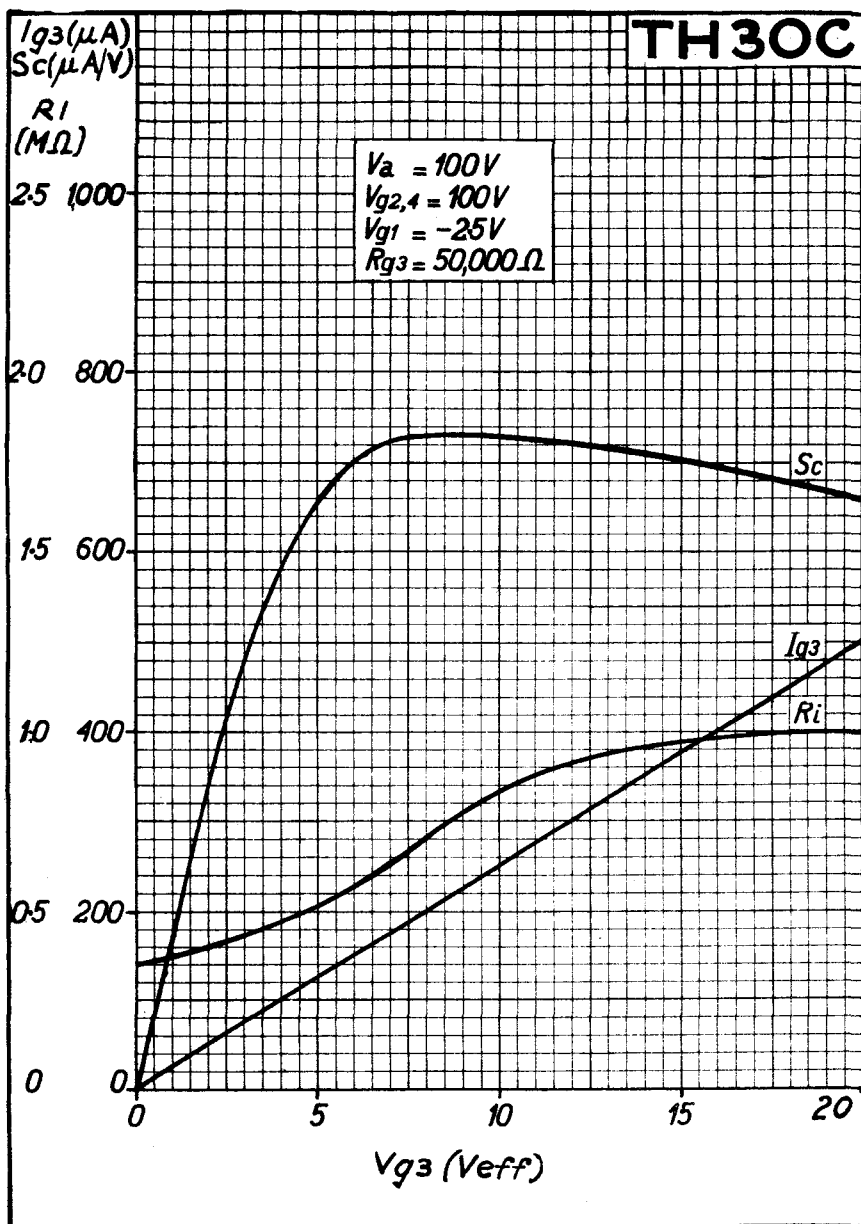
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