

OCTODE for use as frequency changer in battery receivers

OCTODE pour l'utilisation comme changeuse de fréquence dans des appareils batterie

OKTODE zur Verwendung als Mischröhre in Batteriegeräten

Heating: direct by battery;  
parallel supply

Chauffage: direct par batterie;  
alimentation en parallèle

Heizung: direkt durch Batteriestrom;  
Parallelspeisung

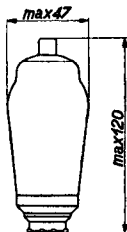
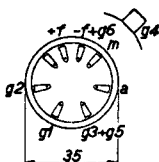
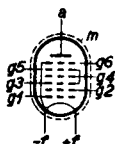
Vf = 2,0 V

If = 0,13 A

Dimensions in mm

Dimensions en mm

Abmessungen in mm



Capacities  
Capacités  
Kapazitäten

C<sub>a</sub> = 14 pF

C<sub>g1</sub> = 6,4 pF

C<sub>g2</sub> = 8 pF

C<sub>g4</sub> = 10 pF

C<sub>ag4</sub> < 0,07 pF

C<sub>g1g4</sub> < 0,2 pF

C<sub>g2g4</sub> < 0,4 pF

Operating characteristics  
 Caractéristiques d'utilisation  
 Betriebsdaten

Va	=	90		135		V
Vg2	=	90		135		V
Vg3+g5	=	45		45		V
Ig1	=	160		160		μA
Rg1	=	50		50		kΩ
Vosc	=	8,5		8,5		V <sub>eff</sub>
Vg4	=	-0,5	-11	-0,5	-11	V
Ia	=	0,7	-	0,7	-	mA
Ig2	=	1,6	-	2,2	-	mA
Ig3+g5	=	1,0	-	1,0	-	mA
Sc	=	270	2,7	270	2,7	μA/V
Ri	=	2	>10	2,5	>10	MΩ

Operating conditions for use on short waves  
 Caractéristiques d'utilisation pour ondes courtes  
 Betriebsdaten für Kurzwellen

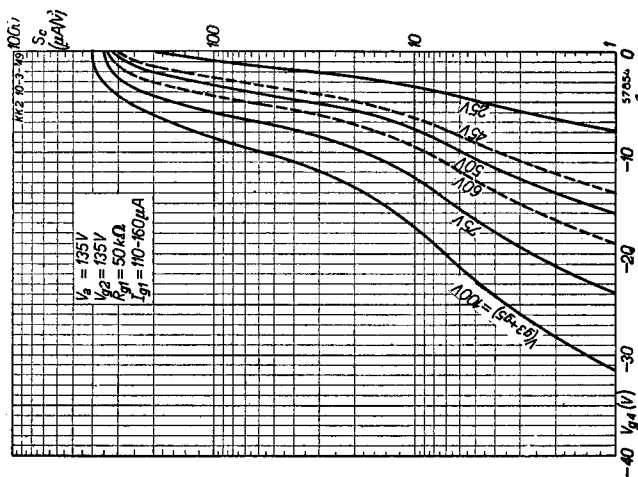
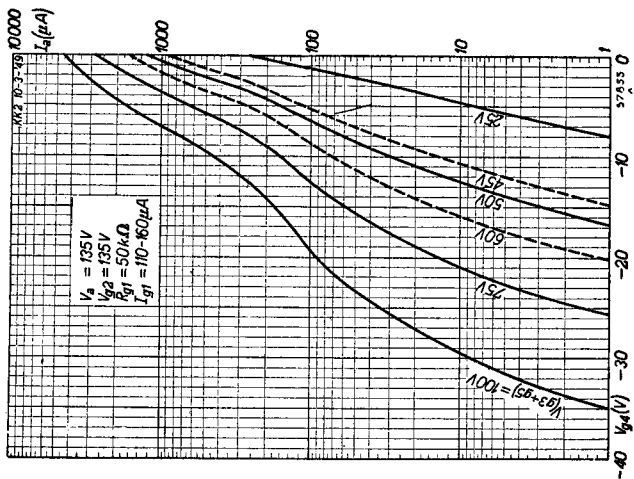
Va	=			135		V
Vg2	=			135		V
Vg3+g5	=			60		V
Ig1	=			110		μA
Rg1	=			50		kΩ
Vosc	=			6		V <sub>eff</sub>
Vg4	=	-1,5	-15			V
Ia	=	1	-			mA
Ig2	=	3	-			mA
Ig3+g5	=	1,4	-			mA
Sc	=	300		3		μA/V
Ri	=	1,7		>10		MΩ

Limiting values  
Caractéristiques limites  
Grenzdaten

V <sub>a</sub>	= max.	135	V
W <sub>a</sub>	= max.	0,5	W
V <sub>g2</sub>	= max.	135	V
W <sub>g2</sub>	= max.	0,6	W
V <sub>g3+g5</sub>	= max.	100	V
W <sub>g3+g5</sub>	= max.	0,4	W
I <sub>k</sub>	= max.	10	mA
V <sub>g4</sub> (I <sub>g4</sub> = +0,3 μA)	= max.	-0,2	V
R <sub>g1</sub>	= max.	0,1	MΩ
R <sub>g4</sub>	= max.	3	MΩ

# KK 2

# PHILIPS



**PHILIPS**



*Electronic  
Tube*

**HANDBOOK**

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1	1	1948.09.07
2	2	1948.09.07
3	3	1948.09.07
4	4	1948.09.07
5	FP	1999.07.16