„Miniwatt" AK 2

OCTODE frequency converter for superheterodyne receivers
OCTODE changeur de fréquence pour superhétérodynes
OKTODE mischroehre für Ueberlagerungsempfänger

Heating : Indirect ; A.C. ; parallel supply
Chauffage : Indirect ; courant alternatif ; alimentation en parallèle — **Vf = 4,0 V** **If = 0,65 A**
Heizung : Indirekt ; Wechselstrom ; Parallelspeisung

Capacities	C_{ag_1} < 0,06 pF	Ca = 12,5 pF
Capacités	C_{g_1} = 9,1 pF	$C_{g_1g_4}$ < 0,35 pF
Kapazitäten	C_{g_4} = 8,7 pF	$C_{g_2g_4}$ < 0,25 pF
	C_{g_2} = 6 pF	

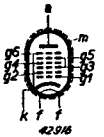
Operating characteristics
Caractéristiques de service
Betriebsdaten

Va	=	250	V	Ia	=	1,6	— mA
V_{g_2}	=	90	V	I_{g_2}	=	2,0	— mA
$V(g_3 + g_5)$	=	70	V	$I(g_3 + g_5)$	=	3,8	— mA
V_{g_1} (I_{g_1} = 190 μA)	=	—11	V	Sc	=	600	< 2 μA/V
$R_{g_1}k$	=	50	kΩ	Ri	=	1,6	> 10 MΩ
V_{g_4}	=	—1,5 — 25	V				

Limiting values
Limites fixées pour l'utilisation
Grenzwerte

Vao	= max. 550 V	$V(g_3 + g_5)$	= max.	70 V
Va	= max. 250 V	$W(g_3 + g_5)$	= max.	0,5 W
Wa	= max. 0,5 W	Ik	= max.	10 mA
V_{g_2o}	= max. 300 V	$R_{g_1}k$	= max.	2,5 MΩ
V_{g_2}	= max. 90 V	$R_{g_1}k$	= max.	100 000 Ω
W_{g_2}	= max. 0,3 W	Vfk	= max.	50 V
$V(g_3 + g_5)o$	= max. 400 V	Rfk	= max.	5000 Ω

Electrode arrangement, base connections and max. dimensions in mm.
Disposition des électrodes, connexions du culot et dimensions max. en mm.
Elektrodenanordnung, Sockelanschlüsse und max. Abmessungen in mm.



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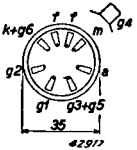

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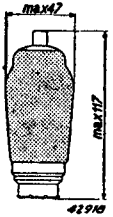

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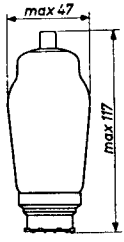
PHILIPS

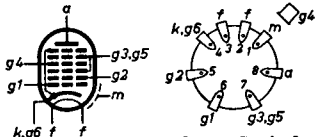
AK 2

OCTODE for use as frequency changer
OCTODE pour utilisation en changeuse de fréquence
OKTODE zur Verwendung als Mischröhre

Heating : indirect;parallel supply — Vf= 4,0 V
Chauffage: indirect;alimentation-parallèle — If=0,65 A
Heizung : indirect;Parallelspeisung

Dimensions in mm
Dimensions en mm
Abmessungen in mm





Base, culot, Sockel: P

Operating characteristics
Caractéristiques d'utilisation
Betriebsdaten

V_a	=	250		V
V_{g2}	=	90		V
$V_{g3,g5}$	=	70		V
R_{g1}	=	50		kΩ
I_{g1}	=	190		µA
Vosc	=	8,5		Veff
V_{g4}	=	-1,5	-25	V
I_a	=	1,6	-	mA
I_{g2}	=	2,0	-	mA
$I_{g3,g5}$	=	3,8	-	mA
S_c	=	600	<2	µA/V
R_i	=	1,6	>10	MΩ

Limiting values
Caractéristiques limites
Grenzdaten

V_{a_o}	= max. 550	V	$V_{g3,g5}$	= max. 70	V
V_a	= max. 250	V	$W_{g3,g5}$	= max. 0,5	W
W_a	= max. 0,5	W	I_k	= max. 10	mA
V_{g2_o}	= max. 300	V	R_{g4}	= max. 2,5	MΩ
V_{g2}	= max. 90	V	R_{g1}	= max. 0,1	MΩ
W_{g2}	= max. 0,3	W	V_{kf}	= max. 50	V
$V_{g3,g5_o}$	= max. 400	V	R_{kf}	= max. 5	kΩ

AK 2 PHILIPS

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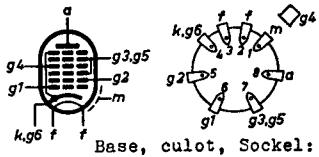
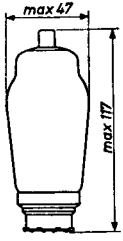
Chauffage: indirect;alimentation-parallèle — I_f=0,65 A
Heizung : indirect;Parallelspeisung

Dimensions in mm
Dimensions en mm
Abmessungen in mm





Base, culot, Sockel: P

Operating characteristics
Caractéristiques d'utilisation
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W_a	= max. 0,5 W	I_k	= max. 10 mA
V_{g2_o}	= max. 300 V	R_{g4}	= max. 2,5 MΩ
V_{g2}	= max. 90 V	R_{g1}	= max. 0,1 MΩ
W_{g2}	= max. 0,3 W	V_{kf}	= max. 50 V
$V_{g3,g5_o}$	= max. 400 V	R_{kf}	= max. 5 kΩ

PHILIPS

Electronic Tube

HANDBOOK

AK2

page	sheet	date
1	1	1947.12.01
2	1	1953.12.12
3	2	1959.12.12
4	FP	1999.06.26