PHILIPS

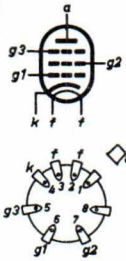
4654
4654K

OUTPUT PENTODE
PENTHODE DE SORTIE
ENDPENTODE

Heating :indirect; parallel supply — V_f= 6,3 V
Chauffage:indirect; alimentation- parallèle — I_f=1,35 A
Heizung :indirekt; Parallelspeisung

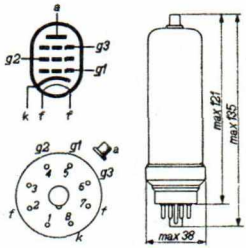
Dimensions in mm
Dimensions en mm
Abmessungen in mm

4654



Base
Culot P
Sockel

4654K



Base
Culot Octal
Sockel

Operating characteristics class A
Caractéristiques d'utilisation classe A
Betriebsdaten Klasse A

V_a	=	250	V
V_{g2}	=	275	V
V_{g3}	=	0	V
R_k	=	175	Ω
I_a	=	72	mA
I_{g2}	:	8	mA
S	=	8,5	mA/V
μ_{g2g1}	=	11	-
R_i	=	22	kΩ
R_a	=	3,5	kΩ
$V_i(I_{g1}=+0,3\mu A)$	=	11,5	Veff
$W_o(I_{g1}=+0,3\mu A)$	=	9,2	W
$d_{tot}(I_{g1}=+0,3\mu A)$	=	11,4	%
$V_i(W_o = 50$ mW)	=	0,5	Veff

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Operating characteristics class B and AB
Caractéristiques d'utilisation classe B et AB
Betriebsdaten Klasse B und AB

		B		B		AB		
$R_{aa\sim}$	=	5		5		6,5		kΩ
R_{g2}	=	500		500		2000		Ω
V_{g1}	=	-38		-32		-		V
R_k	=	-		-		265		Ω
V_{g3}	=	0		0		0		V
V_i	=	0	26,5	0	22,4	0	27	V_{eff}
V_{b_a}	=	425	425	375	375	425	425	V
V_a	=	420	400	370	350	-	-	V
V_a+V_{Rk}	=	-	-	-	-	405	400	V
V_{bg2}	=	425	425	375	375	425	425	V
I_a	=	2x20	2x93	2x20	2x79	2x46,5	2x60	mA
I_{g2}	=	2x2,2	2x21	2x2,2	2x17	2x5,4	2x13	mA
W_o	=	0	48	0	35	0	27,5	W
d_{tot}	=	-	2,5	-	2,5	-	5	%

Limiting values
Caractéristiques limites
Grenzdaten

V_{a_o}	= max.	1200	V
V_a	= max.	600	V
W_a	= max.	18	W
V_{g2_o}	= max.	1000	V
V_{g2}	= max.	425	V
$W_{g2}(V_i=0)$	= max.	3	W
$W_{g2}(W_o$ = max.)	= max.	10	W
I_k	= max.	120	mA
$V_{g1}(I_{g1}=+0,3\mu A)$	= max.	-1,3	V
R_{g1}(A, AB)	= max.	0,7	MΩ
R_{g1}(B)	= max.	0,5	MΩ
V_{kf}	= max.	50	V
R_{kf}	= max.	20	kΩ