

PENTODE for use as H.F. and I.F. amplifier in battery receivers

PENTHODE pour utilisation en amplificatrice H.F. et M.F. dans des appareils-batterie

PENTODE zur Verwendung als H.F.- und Z.F. Verstärker in Batteriegeräten

Heating: direct by battery current, rectified A.C. or D.C.; series or parallel supply

Chauffage: direct par courant batterie, C.A. redressé ou C.C.;

Heizung: alimantation en série ou en parallèle
direkt durch Batteriestrom, gleichgerichteten Wechselstrom oder Gleichstrom;
Serien- oder Parallelspeisung

Parallel supply:

Alimentation en parallèle: $V_f = 1,4 \text{ V}$

Parallelspeisung: $I_f = 0,05 \text{ A}$

Series supply:

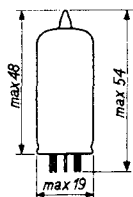
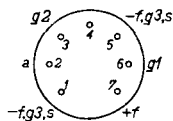
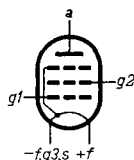
Alimentation en série: $V_f = 1,35 \text{ V}$

Serienspeisung:

Dimensions in mm

Dimensions en mm

Abmessungen in mm



Base, culot, Sockel: Miniature

Capacitances

Capacités

Kapazitäten

$C_{g1} < 0,01 \text{ pF}^1)$

$C_a = 7,5 \text{ pF}$

$C_{g1} = 3,6 \text{ pF}$

¹⁾ Measured with external screening
Mesuré avec blindage extérieur
Gemessen mit äusserer Abschirmung

PENTODE for use as R.F. and I.F. amplifier in battery receivers

PENTHODE pour utilisation en amplificatrice H.F. et M.F. dans des appareils-batterie

PENTODE zur Verwendung als HF- und ZF-Verstärker in Batteriegeräten

Heating : direct by D.C.
series or parallel supply

Chauffage: direct par C.C.
alimentation en série ou en parallèle

Heizung : direkt durch Gleichstrom
Serien-oder Parallelspeisung

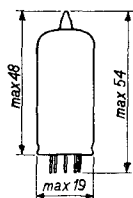
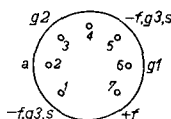
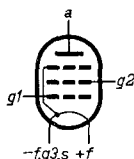
Parallel supply	$V_f = 1,4 \text{ V}$
Alimentation en parallèle	
Parallelspeisung	$I_f = 50 \text{ mA}$

Series supply	$V_f = 1,3 \text{ V}$
Alimentation en série	
Serienspeisung	

Dimensions in mm

Dimensions en mm

Abmessungen in mm



Base, culot, Sockel: Miniature

Capacitances

Capacités

Kapazitäten

$C_a = 7,5 \text{ pF}$

$C_{g1} = 3,6 \text{ pF}$

$C_{ag1} < 0,01 \text{ pF}^1)$

¹⁾ Measured with external screening
Mesuré avec blindage extérieur
Gemessen mit äußerer Abschirmung

Operating characteristics for use as H.F. or I.F. amplifier

Caractéristiques d'utilisation en amplificateur H.F. ou M.F.

Betriebsdaten als H.F.- oder Z.F. Verstärker

V_a	=	45		67,5		V
V_{g2}	=	45		67,5		V
V_{g1}	=	0	-10	0	-16	V
I_a	=	1,7	-	3,4	-	mA
I_{g2}	=	0,7	-	1,5	-	mA
S	=	700	10	875	10	$\mu A/V$
R_i	=	0,35	>10	0,25	>10	M Ω
μ_{g2g1}	=	11	-	11	-	
R_{eq}	=	-	-	20	-	k Ω

V_a	=	90		90		V
V_{g2}	=	45		67,5		V
V_{g1}	=	0	-10	0	-16	V
I_a	=	1,8	-	3,5	-	mA
I_{g2}	=	0,65	-	1,4	-	mA
S	=	750	10	900	10	$\mu A/V$
R_i	=	0,8	>10	0,5	>10	M Ω
μ_{g2g1}	=	11	-	11	-	
R_{eq}	=	-	-	19	-	k Ω

Limiting values

Caractéristiques limites

Grenzdaten

V_a	= max.	90 V
W_a	= max.	0,35 W
V_{g2}	= max.	67,5 V
W_{g2}	= max.	0,11 W
I_k	= max.	5,5 mA
$V_{g1} (I_{g1}=+0,3\mu A)$	= max.	-0,2 V
R_{g1}	= max.	3 M Ω

Operating characteristics for use as R.F. or I.F. amplifier

Caractéristiques d'utilisation en amplificatrice H.F. ou M.F.

Betriebsdaten als HF- oder ZF-Verstärker

V_a	=	45		67,5		90	V
V_{g2}	=	45		45		45	V
V_{g1}	=	0 -10		0 -10		0 -10	V
I_a	=	1,7	-	1,75	-	1,8	mA
I_{g2}	=	0,7	-	0,68	-	0,65	mA
S	=	700	10	725	10	750	$\mu A/V$
R_i	=	0,35	>10	0,6	>10	0,8	$M\Omega$
μ_{g2g1}	=	11	-	11	-	11	-
R_{eq}	=	18	-	17	-	16	k Ω

Limiting values

Caractéristiques limites

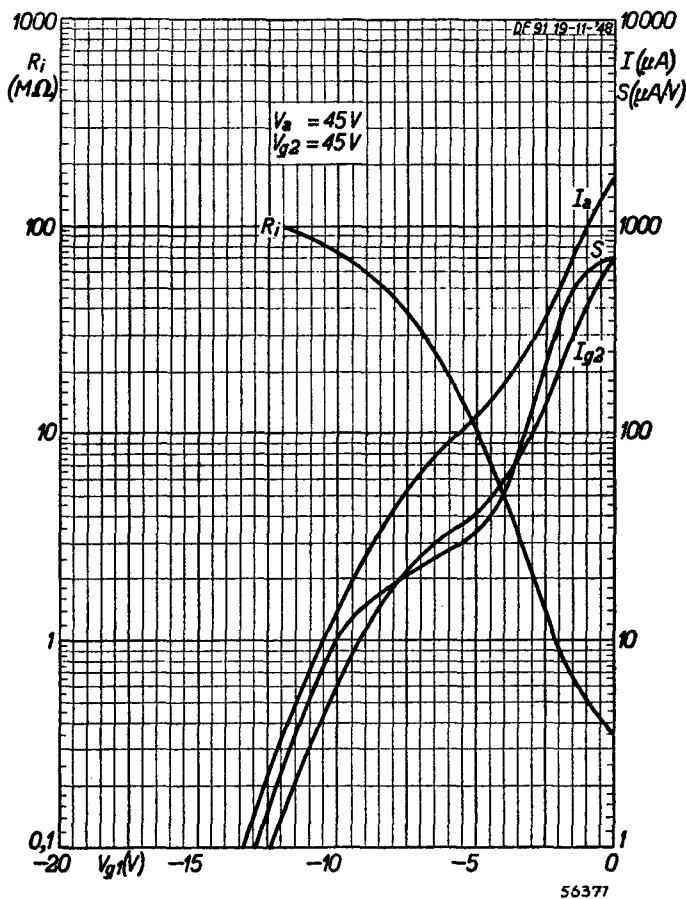
Grenzdaten

V_b	= max.	120 V
V_b	= max.	140 V ¹⁾
V_a	= max.	90 V
W_a	= max.	0,5 W
V_{g2}	= max.	67,5 V
W_{g2}	= max.	0,2 W
I_k	= max.	5,5 mA
$V_{g1}(I_{g1}=+0,3\mu A)$	= max.	-0,2 V
R_{g1}	= max.	3 $M\Omega$

¹⁾ Absolute value
Valeur absolue
Absolutwert

"Miniwatt"

DF 91



25.1.1949

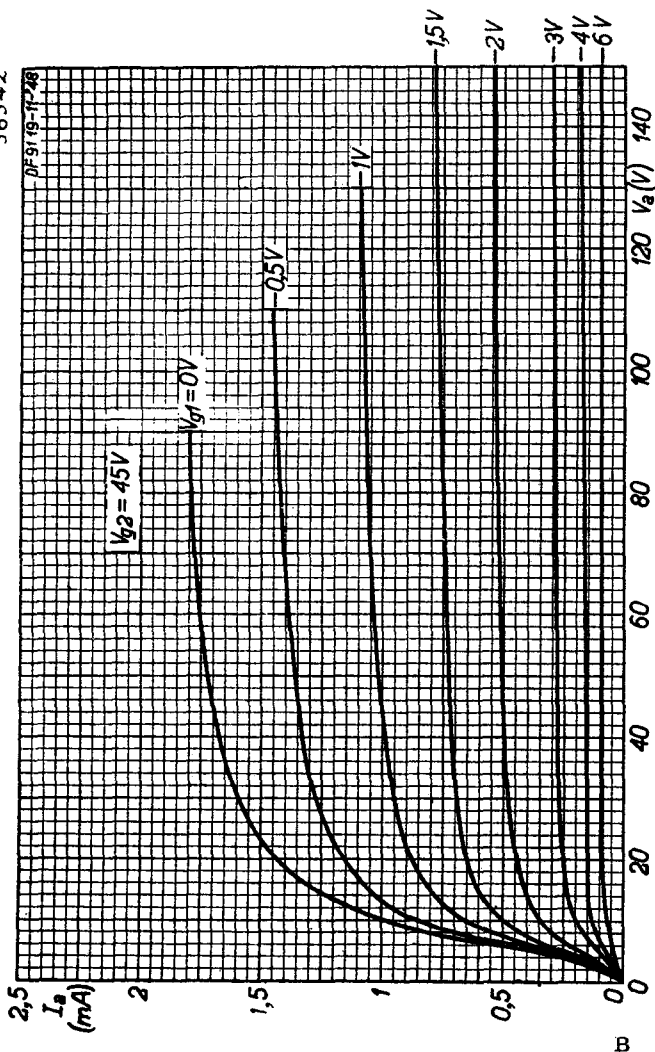
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"Miniwatt"

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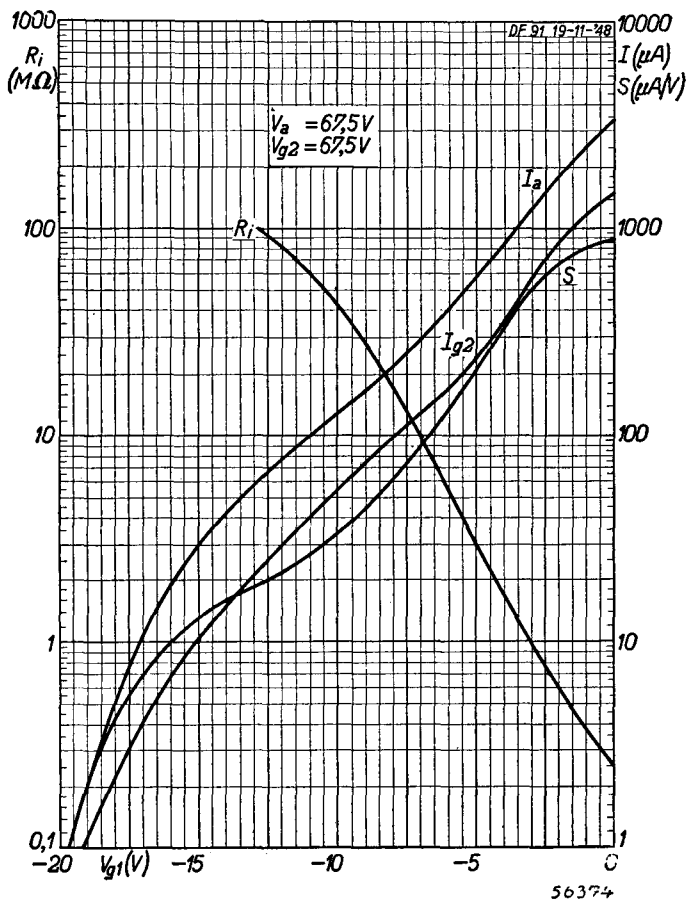
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B

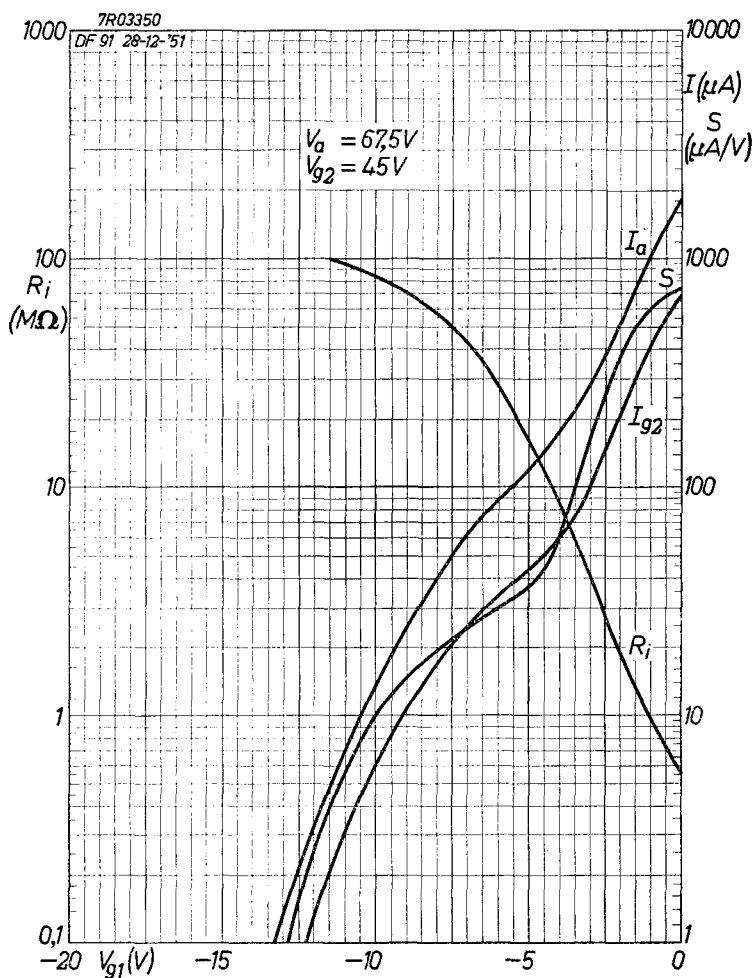
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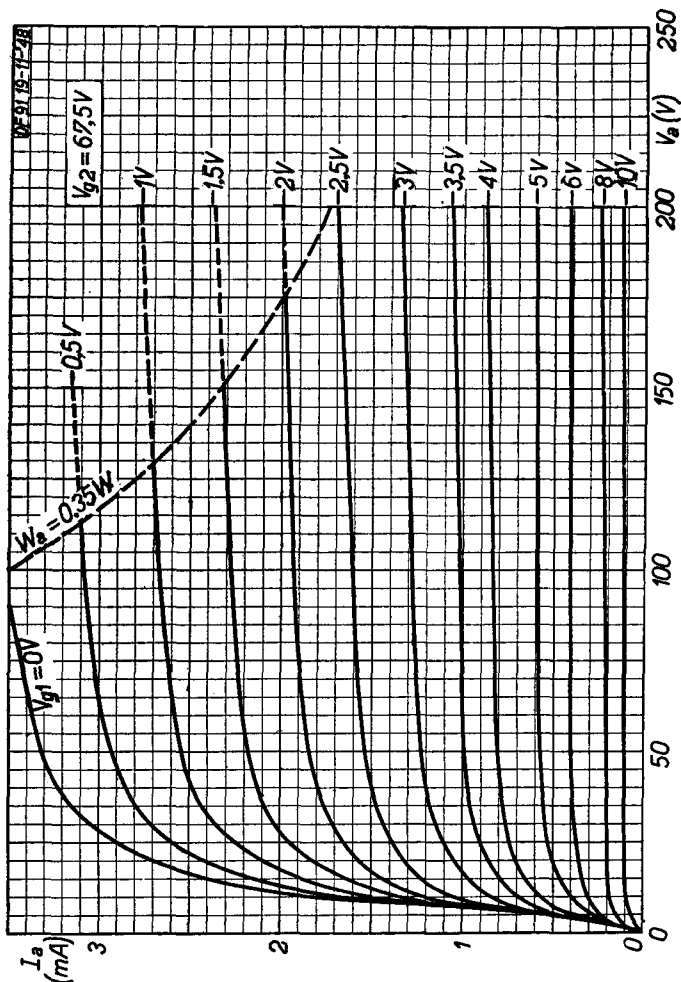
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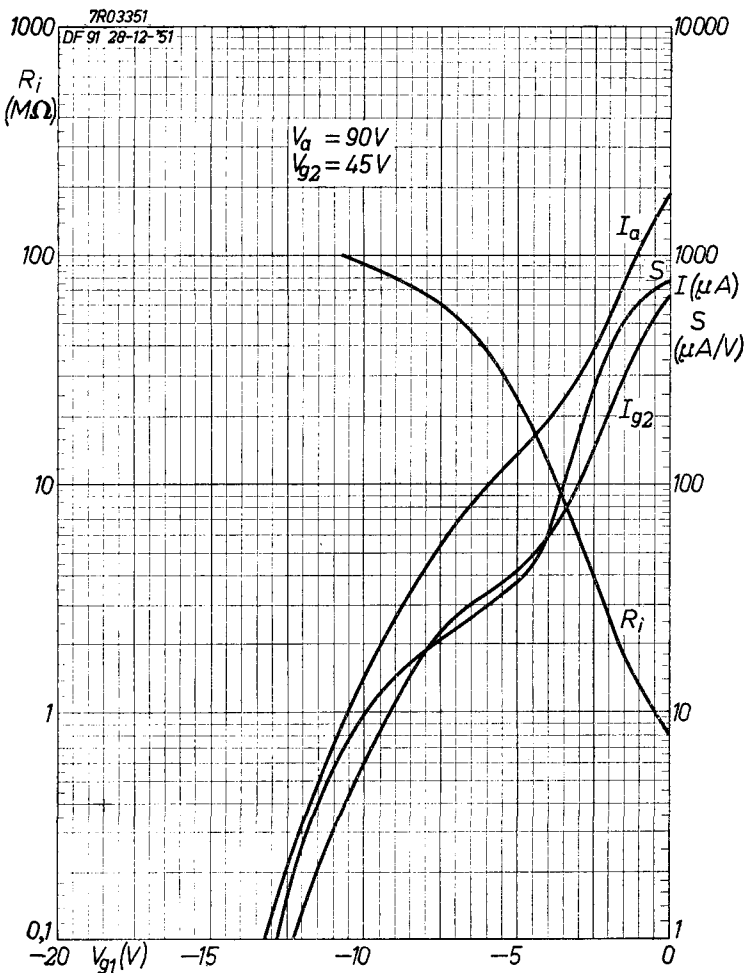
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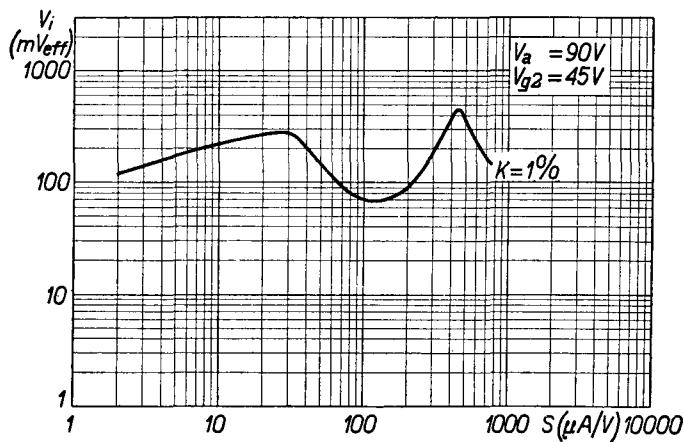
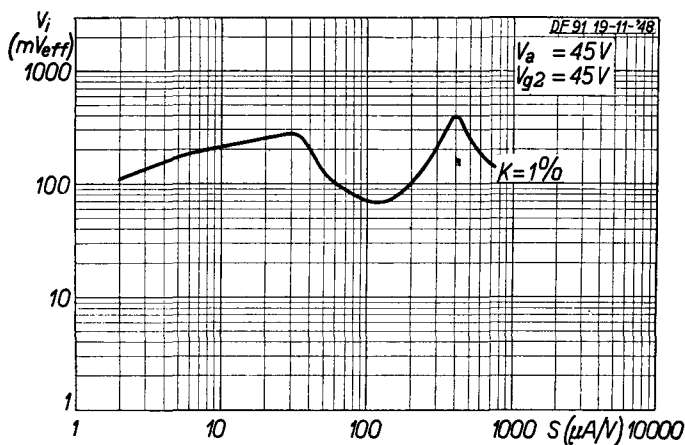
"Miniwatt"

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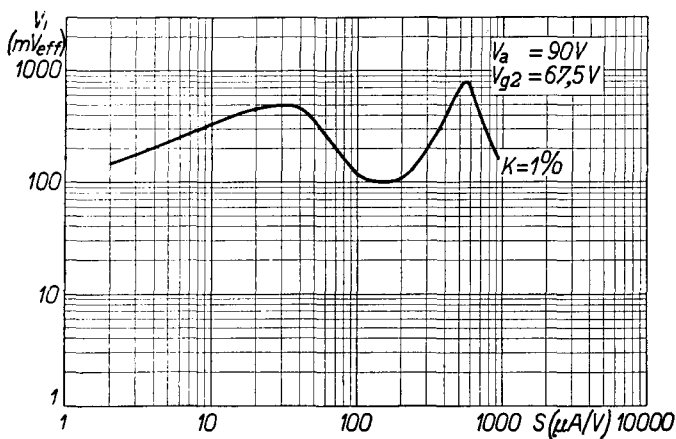
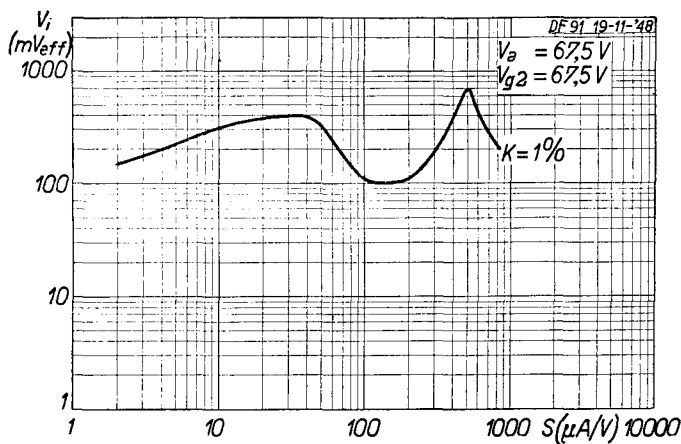
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"Miniwatt"



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12	F	1949.01.25
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