



KATODENSTRAHLRÖHREN für Oszillografie

DB 7-5	DB 7-6
3 ALP 11	DG 7-6
DG 7-5	DP 7-6
3 ALP 1	DR 7-6
DP 7-5	
3 ALP 7	
DR 7-5	

**Heizung:** indirekt durch Wechsel- oder Gleichstrom

$$U_f = 6,3 \text{ V} \quad I_f = 0,31 \text{ A}$$

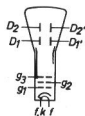
**Kapazitäten:**

DB/G/P/R 7-5		DB/G/P/R 7-6	
$C_{g1}$	= 7,0 pF	$C_{g1}$	= 7,0 pF
$C_{D1}$	= 3,0 pF	$C_{D1}$	= 3,2 pF
$C_{D1'}$	= 3,3 pF	$C_{D1'}$	= 3,5 pF
$C_{D2}$	= 2,8 pF	$C_{D2}$	= 2,8 pF
$C_{D2'}$	= 2,8 pF	$C_{D2'}$	= 3,0 pF
$C_{D1D1'}$	= 0,6 pF	$C_{D1D1'}$	= 0,7 pF
$C_{D2D2'}$	= 0,8 pF	$C_{D2D2'}$	= 0,9 pF

**Fokussierung:** elektrostatisch

**Ablenkung:**

doppelt-elektrostatisch  
 $D_1D_1'$  symmetrisch  
 $D_2D_2'$  DB/G/P/R 7-5: symmetrisch  
 DB/G/P/R 7-6: asymmetrisch <sup>1)</sup>



**Betriebsdaten:**

$U_{g3}$	=	800	V
$U_{g2}$	=	200...300	V
$-U_{g1} (I_f=0)$	=	50	V
$d_1$	=	40	V/cm
$d_2$	=	63	V/cm

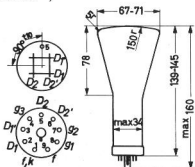
**Linienbreite:**

bei einem Kreis von 50 mm  $\phi$ :  
 0,7 mm bei  $U_{g3}=800\text{V}$ ,  $I_f=0,5\mu\text{A}$

**Grenzdaten:**

$U_{g3}$	= max. 1000 V	$U_{D1D1'ss}$	= max. 450 V
$U_{g3}$	= min. 800 V	$U_{D2D2'ss}$	= max. 750 V
$U_{g2}$	= max. 400 V	$N_f$	= max. 3 mW/cm <sup>2</sup>
$+U_{g1}$	= max. 0 V	$R_{g1}$	= max. 500 k $\Omega$
$-U_{g1}$	= max. 100 V	$R_D$	= max. 5 M $\Omega$

**Sockel:** Loktal 9p  
**Fassung:** 40 212  
**Abschirmung:** 55 530  
**Gewicht:** netto 140g  
 brutto 500g  
**Einbau:** beliebig

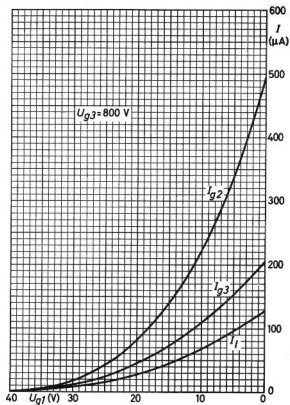


<sup>1)</sup>  $D_2$  ist mit  $g_3$  zu verbinden.

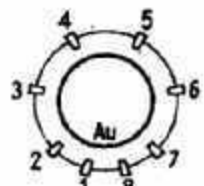
Es empfiehlt sich,  $g_3$  zu erden.

DB 7-5    DB 7-6  
DG 7-5    DG 7-6  
DP 7-5    DP 7-6  
DR 7-5    DR 7-6

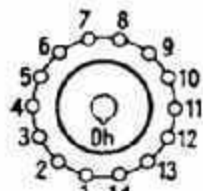
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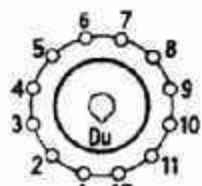
DB7-5	DG7-5	DP7-5	DR7-5	DB/G/N/P/R7-6			
= 3ALP11	= 3ALP1	= 3ALP7		= 7/5 (ps = asy)			
ps = sy	pk = sy	Betriebswerte		max. $Q_{Lmax} = 3 \text{ mW/cm}^2$			
		Ua2 =		kV	L = 160 (-15) mm		
				kV	D = 67..71 mm		
		Ua1 = 800 ° (= g3)	min.	1000 V	$b_L = 0,7 \text{ mm}$ ( $I_L = 0,5 \mu\text{A}$ )		
		Ug2 = 200..300		400 V			
		Ug5 = —		V			
		Ug3 = = a		V			
		-Ug1o = 0..50		100° V	$+ 0 \text{ V}$		
		AFpk = 40		V/cm	Rg1max = 0,5 M		
		AFps = 62,5		V/cm	Rpmax = 5 M		
		Uf/I f	6,3 V / 0,31 A	Upk1/2max = 450, Ups1/2max = 750 V		Cps1/2 = 0,8	
Socket:	Lo 47 (9-Stift)	Cg1 = 7	Ck =	Cpk = 3,3	Cps = 2,8	Cpk1/2 = 0,6	pF



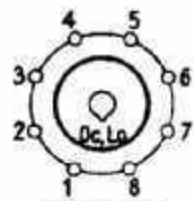
Außenkontaktsockel



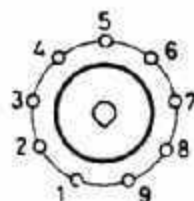
Diheatsockel



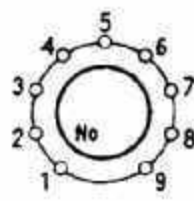
Duodekaisockel



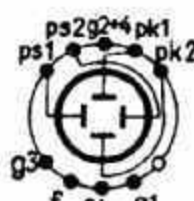
Oktalsockel/  
Lokalsockel



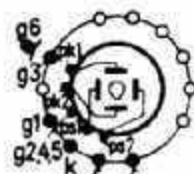
9 Stritt-Lokalsockel  
(Engl. Lactal 9-yl)



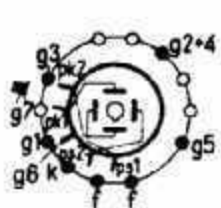
Novalsockel



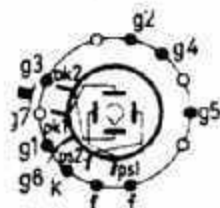
Dh59



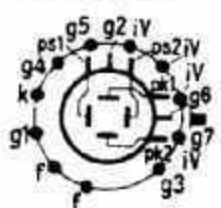
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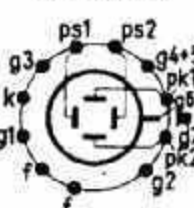
Dh75



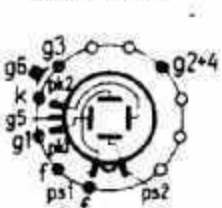
Dh80



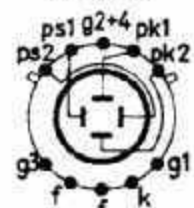
Du68



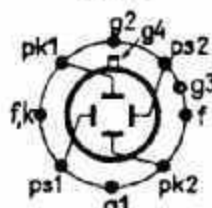
Du74



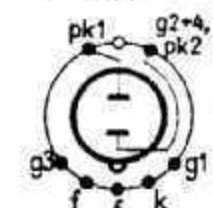
Du79



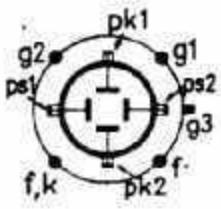
Sp19



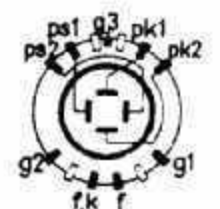
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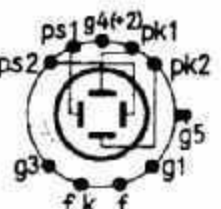
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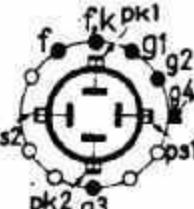
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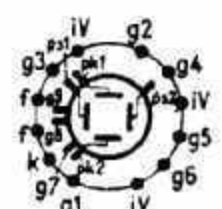
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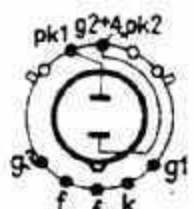
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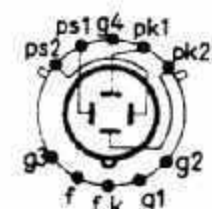
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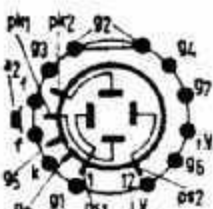
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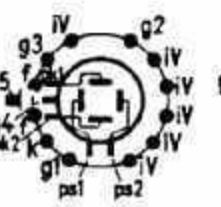
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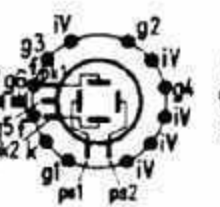
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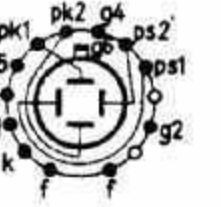
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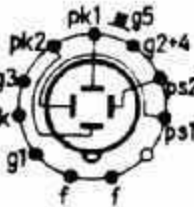
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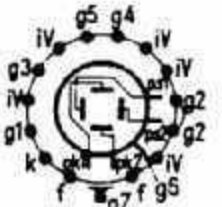
Sp148



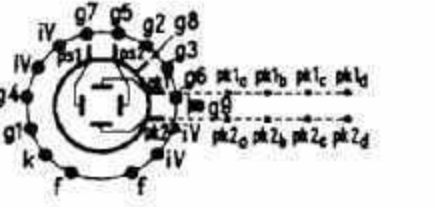
Sp149



Sp154a



Sp155



Sp156