



PSVANE

www.psvane.com

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EL84

Base:NOVAL

Limiting Values:

$U_f = 6,3V$

$U_a = 300V$

$I_f = 0,760A$

$W_a = 12W$

$U_{g2} = 8mA$

Typical Characteristics:

$W_{g2} = 2W$

$U_a = 250V$

$U_{g1} = -100V$

$U_{g2} = 250V$

$I_k = 65mA$

$U_{g1} = -7,3$

$R_{g1} = 1M\Omega$

$I_a = 48mA$

for automatic bias

$I_{g2} = 5,5mA$

$R_{g1} = 0,3M\Omega$

$S = 11,3mA/V$

For fixed bias

$R_i = 40K\Omega$

$U_{k/f} = 100V$

$U_{g1/g2} = 19$



Capacitances:

$C_{g/k} = 10 \text{ pF}$

$C_a = 5,1 \text{ pF}$

$C_{g/a} = 0,6 \text{ pF}$

$C_{g1f} = 0,15 \text{ pF}$

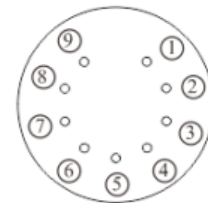
Class A,Amp.:

$U_a = 250 \text{ V}$

$U_g = 250 \text{ V}$

$R_k = 135 \Omega$

$I_a = 48 \text{ mA}$



1	Null (空脚)
2	Grid (栅极)
3	K (阴极)
4	Filament (灯丝)
5	Filament (灯丝)
6	Null (空脚)
7	Plate (阳极)
8	Null (空脚)
9	Screen grid (帘栅)



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$I_{g2} = 5,5 \text{ mA}$
 $R_a = 5,2 \text{ K}\Omega$
 $U_{g1\text{eff}}(50\text{mW}) = 0,3 \text{ V}$
 $U_{g1\text{eff}}(N) = 4,3 \text{ V}$
 $N(10\%)^{1)} = 5,7 \text{ W} \quad 1) U_g \text{ fixed grid bias}$
 $N^{2)} = 6 \text{ W} \quad 2) I_{g1}=0,3 \mu\text{A}$

