

EL84

6BQ5

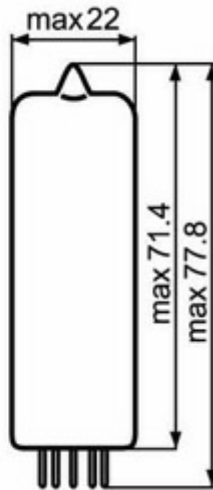
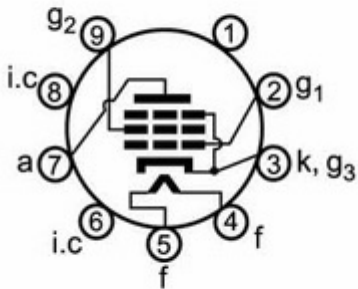
R.F. OUTPUT PENTODE

DIMENSIONS AND CONNECTIONS:

base: NOVAL

$U_f = 6,3 \text{ V}$

$I_f = 760 \text{ mA}$



CLASS A AMPLIFIER:

TYPICAL CHARACTERISTIC:

U_a	= 250 V
U_{g2}	= 250 V
U_{g1}	= -7,3 V
I_a	= 48 mA
I_{g2}	= 5,5 mA
S	= 11,3 mA/V
R_i	= 40 kOhm
$\mu_{g1/g2}$	= 19

U_a	= 250 V
U_{g2}	= 250 V
R_k	= 133 Ohm
I_a	= 48 mA
I_{g2}	= 5,5 mA
R_a	= 5,2 kOhm
$U_{g1eff}(50mW)$	= 0,3 V
$U_{g1eff}(N)$	= 4,3 V
$N(10\%)^1$	= 5,7 W
N^2	= 6 W

¹⁾ U_{g1} fest fixed grid bias

²⁾ $I_{g1} = +0,3 \text{ uA}$

LIMITING VALUES:

U_a	= 300 V
W_a	= 12 W
U_{g2}	= 300 V
W_{g2}	= 2 W
U_{g1}	= -100 V
I_k	= 65 mA
R_{g1}	= 1 MOhm for automatic bias
R_{g1}	= 0,3 MOhm for fixed bias
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CAPACITANCES:

$C_{g/k}$	= 10 pF
$C_{g/a}$	= 0,6 pF
C_a	= 5,1 pF
C_{g1f}	= 0,15 pF

$$U_{k/f} = 100 \text{ V}$$

