ABRIDGED DATA
EL84-L

R. F. OUTPUT PENTODE EL84/6BQ5
Base: NOVAL
Manufactured by JJ in Slovakia for Edicron

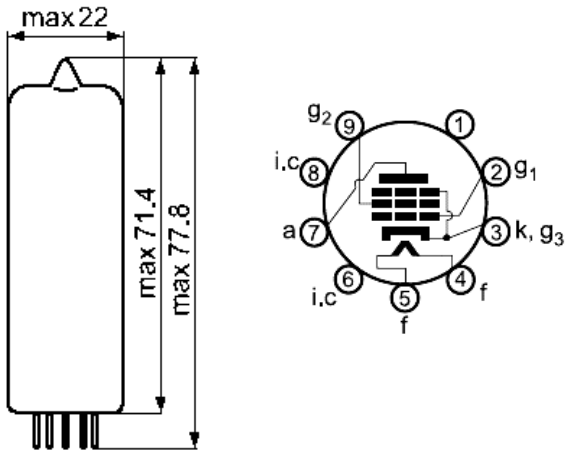
Heater:

U_f	=	6,3V
I_f	=	0.760 mA

Typical characteristics:

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
Ri	=	40 kΩ
$\mu_{g2/g1}$	=	19

Dimensions and connections:



Class A1 amplifier:

U_a	=	250 V
U_{g2}	=	250 V
R_k	=	135 Ω
I_a	=	48 mA
I_{g2}	=	5.5 mA
R_a	=	5.2 kΩ
$U_{g1eff\ (50mW)}$	=	0.3 V
$U_{g1eff(N)}$	=	4.3 V
N (10%)[1)]	=	5.7 W
N[2)]	=	6 W

[1)] U_{g1} for fixed grid bias
[2)] I_{g1} +0.3 μA

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}	=	1.0 MΩ for automatic bias
R_{g1}	=	0.3 MΩ for fixed bias
$U_{k/f}$	=	100 V

Capacitances:

$C_{g/k}$	=	10 pF
C_a	=	5.1 pF
$C_{g/a}$	=	0.6 pF
C_{g1f}	=	0.15 pF

Socket Type: B9A