

# Mullard

## OUTPUT PENTODE

# KL35

### FILAMENT

$V_f$	2.0	V.
$I_f$	0.15	A.

### CHARACTERISTICS

$V_a$	135	V.
$V_{g2}$	135	V.
$S_m$	2.2	mA/V.
$r_a$	0.15	Mohm.

### OPERATING CONDITIONS AS SINGLE CLASS "A" AMPLIFIER

	Fixed Bias	Self Bias	
$V_a$	135	135	V.
$V_{g2}$	135	135	V.
$V_{g1}$	-4.5	-4.8	V.
$I_a$	5.6	5.0	mA.
$R_a$	19,000	20,000	ohms.
$V_{in}$	3.0	2.9	Vrms.
$W_{out}$	340	310	mW
$D_{tot}$	10	10	%

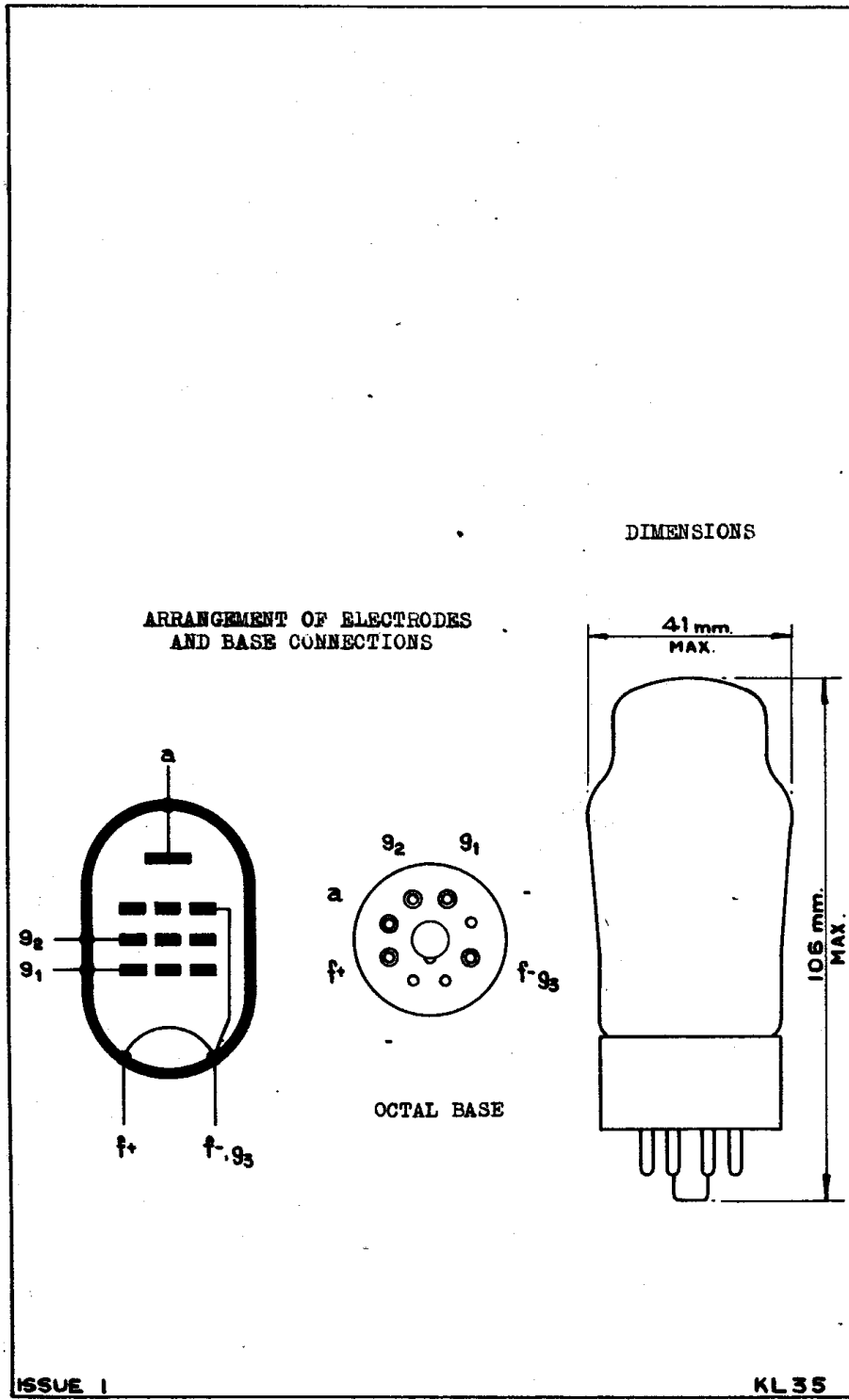
### LIMITING VALUES.

$V_a$ max.	150	V.
$W_a$ max.	1.0	W.
$V_{g2}$ max.	150	V.
$I_k$ max.	10	mA.
$R_{g1-f}$ max.	1.0	Mohm.
$R_{g1-g}$ max.	1.5	Mohm.
$V_{g1}(I_{g1}=+1\mu A)$	+0.3 to +0.8*	V.

\* At  $V_a = V_{g2} = 135$

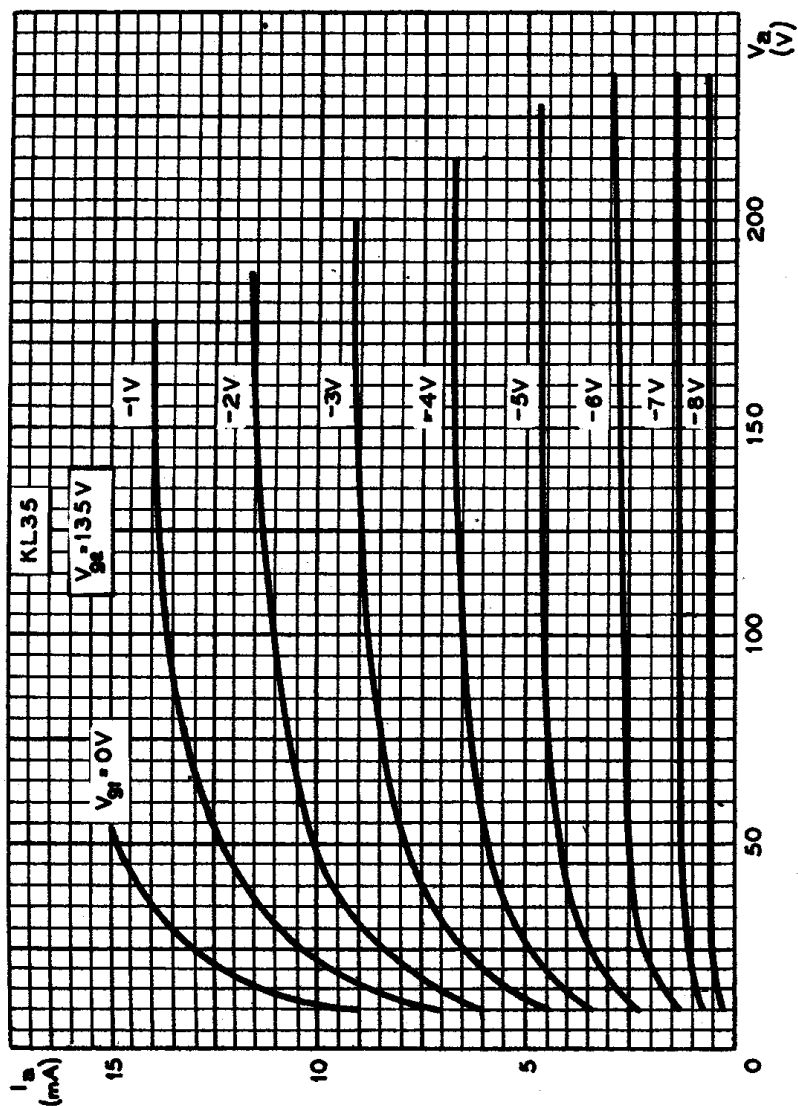
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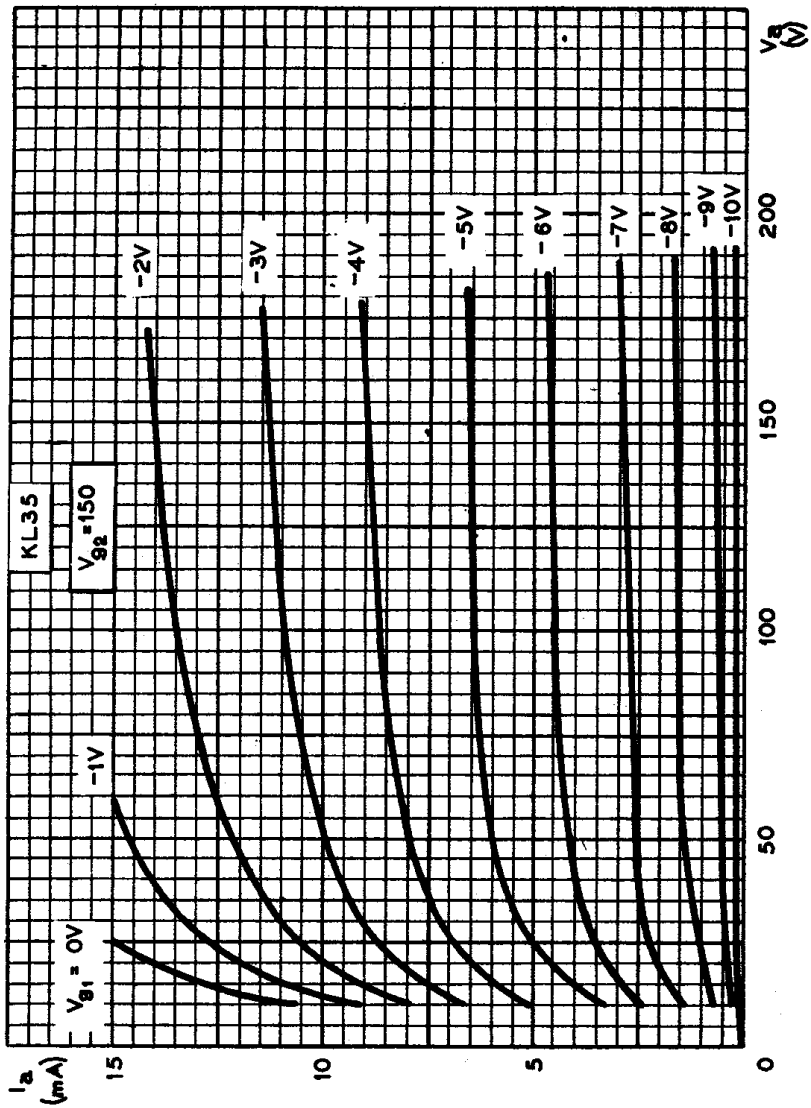


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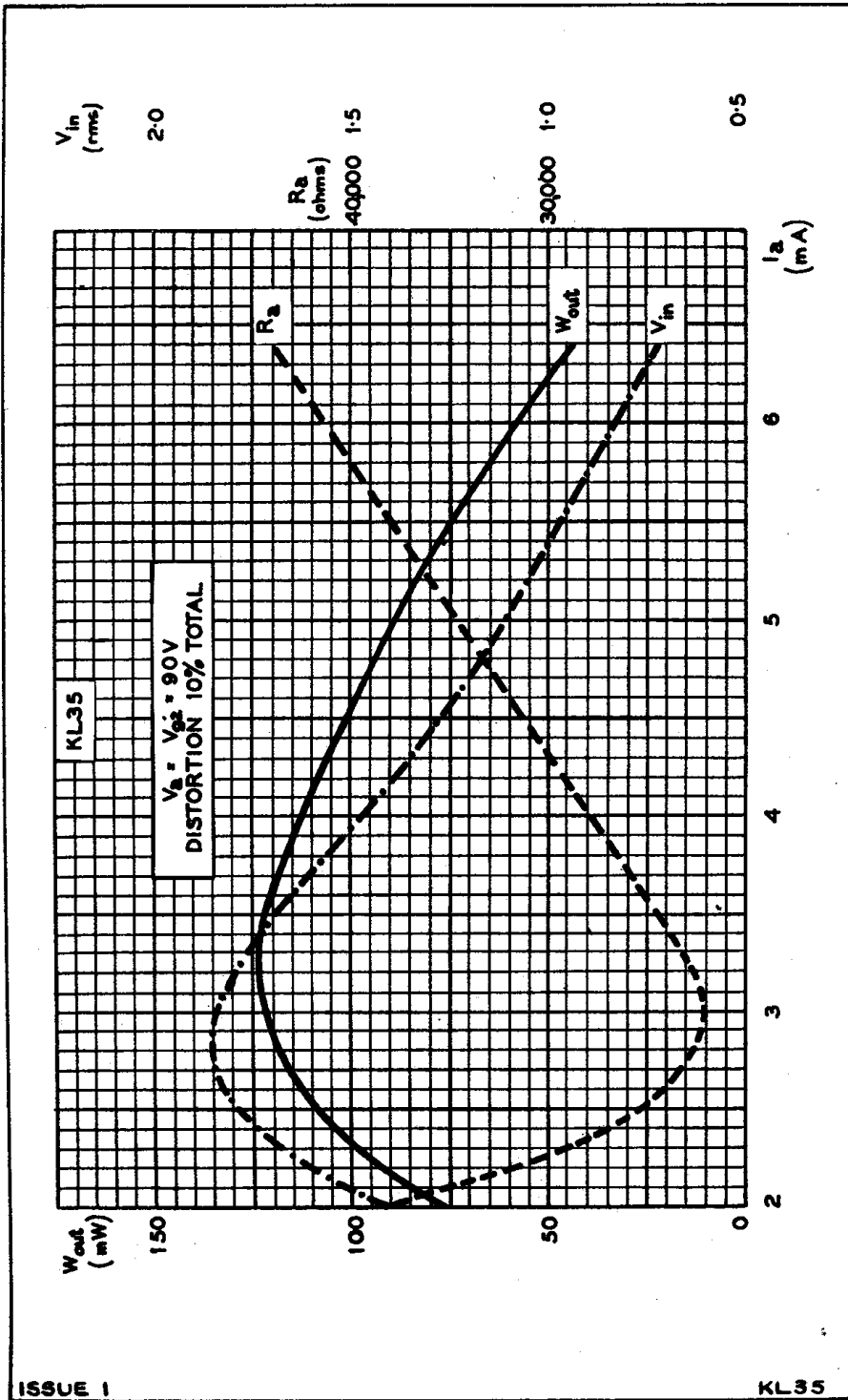


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