

MINIATURE R.F. PENTODE

EF91

Single-ended R.F. pentode with high mutual conductance and sharp cut-off.

HEATER

V_h	6.3	V
I_h	0.3	A

CAPACITANCES

c_{in}	7.0	$\mu\mu F$
c_{out}	2.0	$\mu\mu F$
c_{a-g1}	<0.008	$\mu\mu F$

OPERATING CONDITIONS

V_a	250	V
V_{g2}	250	V
V_{g3}	0	V
V_{g1}	-2.0	V
I_a	10	mA
I_{g2}	2.55	mA
G_m	7.65	mA/V
r_a	1.0	M Ω
μ_{g1-g2}	70	
Equivalent Noise Resistance	1200	Ω
Input Damping (at 40 Mc/s)	5000	Ω

LIMITING VALUES

$V_a(b) \text{ max}$	550	V
$V_a \text{ max}$	300	V
$w_a \text{ max}$	2.5	W
$V_{g2}(b) \text{ max}$	550	V
$V_{g2} \text{ max}$	300	V
$w_{g2} \text{ max}$	0.65	W
$I_k \text{ max}$	15	mA
$V_{g1} (I_{g1}=+0.3\mu A)$	-1.3	V
$V_{g3} (I_{g3}=+0.3\mu A)$	-1.3	V
$R_{g1} \text{ max}$	1.0	M Ω
$V_h-k \text{ max}$	50	V

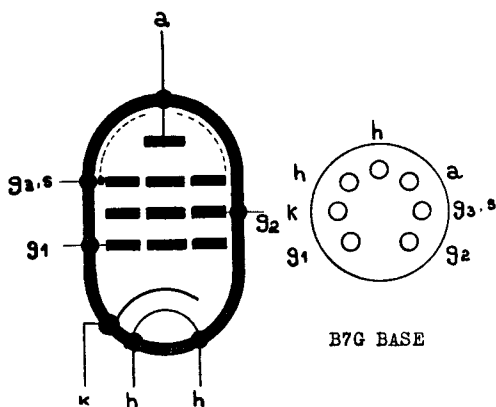


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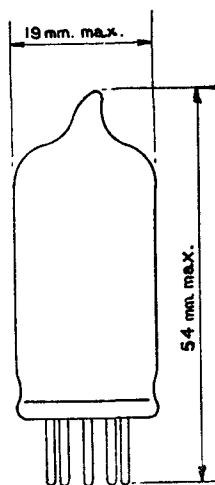
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ARRANGEMENT OF ELECTRODES
AND BASE CONNECTIONS



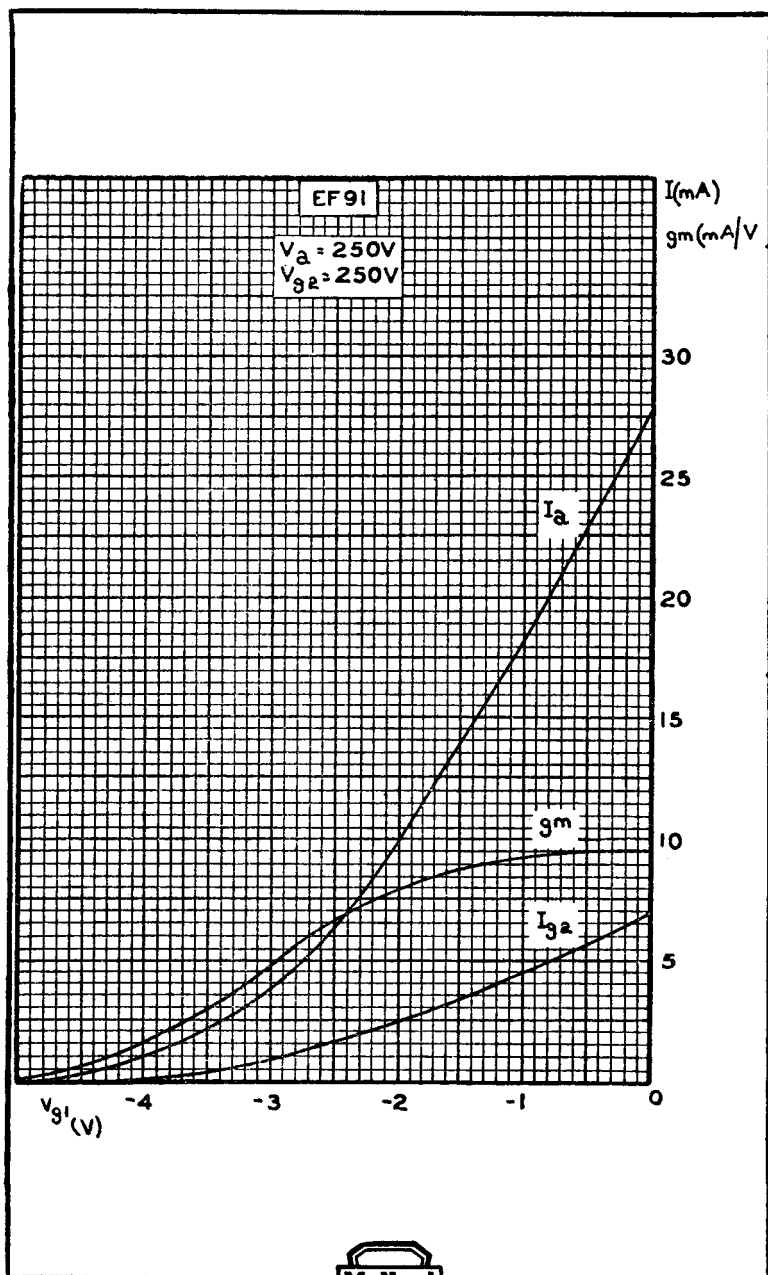
DIMENSIONS



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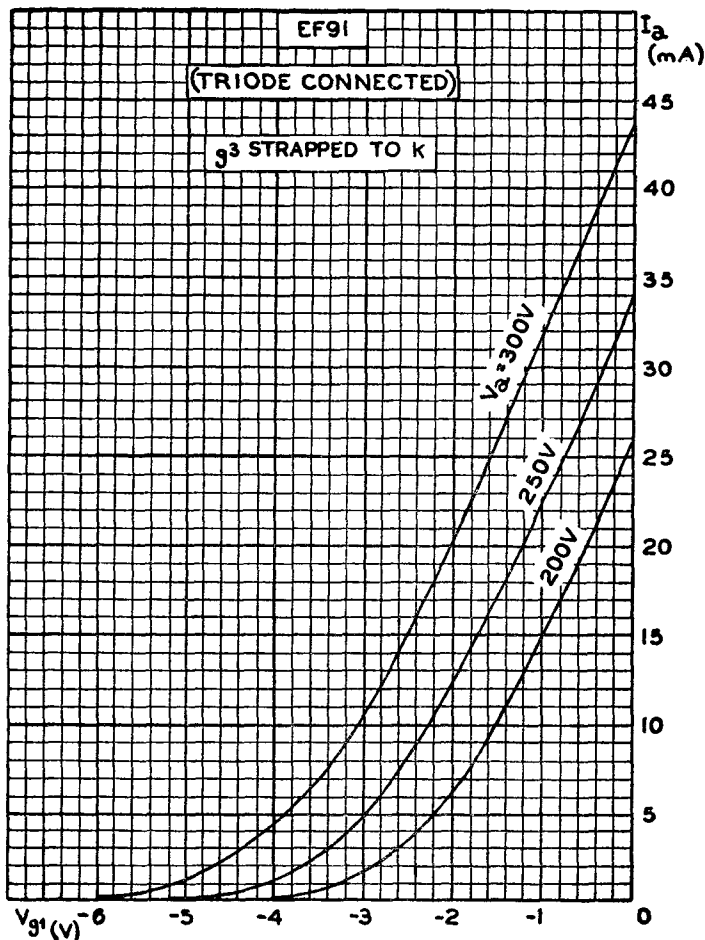
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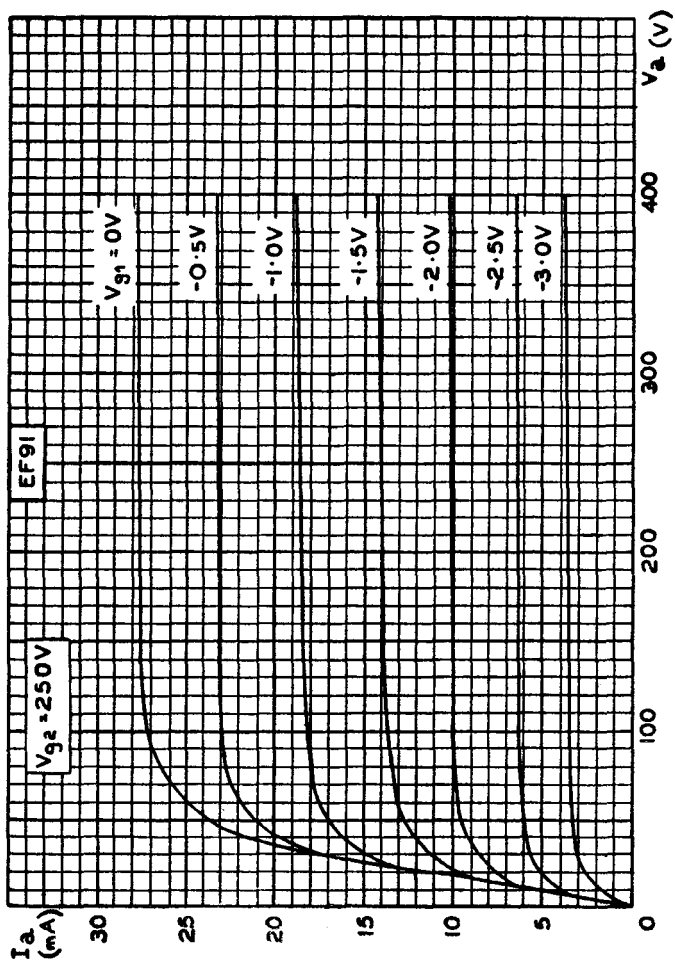
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