

MINIATURE VARIABLE-MU R.F. PENTODE

DF91

Variable-mu pentode for use as
a controlled R.F. or I.F. amplifier.

FILAMENT

This valve is suitable for D.C. operation only.

V_f	1.4	V
I_f	0.05	A

CAPACITANCES

c_{a-g1}	< 0.01	μF
c_{in}	3.6	μF
c_{out}	7.5	μF

OPERATING CONDITIONS AS R.F. OR I.F. AMPLIFIER

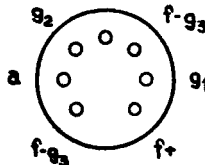
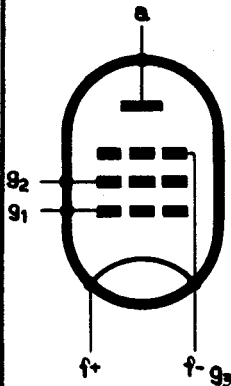
V_a	45	67.5	90	90	V
V_{g2}	45	67.5	45	67.5	V
V_{g1}	0	0	0	0	V
I_a	1.7	3.4	1.8	3.5	mA
I_{g2}	0.7	1.5	0.65	1.4	mA
g_m	700	875	750	900	$\mu\text{A}/\text{V}$
$V_{g1} (g_m = 10 \mu\text{A}/\text{V})$	-10	-16	-10	-16	V
r_a	0.35	0.25	0.8	0.5	M.ohm

LIMITING VALUES

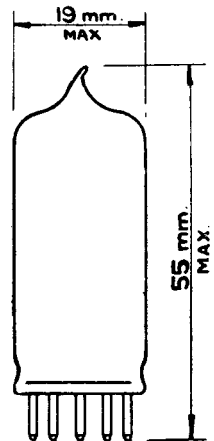
V_a max.	90	V
$V_{g2(b)}$ max.	90	V
V_{g2} max.	67.5	V
V_{g1} max.	0	V
I_k max.	5.5	mA

DIMENSIONS

ARRANGEMENT OF ELECTRODES AND BASE CONNECTIONS



B7G BASE



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