

SUBMINIATURE VARIABLE-MU R.F. PENTODE

DF73

Subminiature variable-mu r.f. pentode suitable for battery operation.

FILAMENT

V_f	1.25	V
I_f	25	mA

MOUNTING POSITION

Any

Note—Direct soldered connections to the leads of this valve must be at least 5mm. from the seal and any bending of the valve leads must be at least 1.5mm. from the seal.

CAPACITANCES (measured with external shield)

C_{a-g1}	< 0.015	pF
C_{in}	2.9	pF
C_{out}	5.0	pF

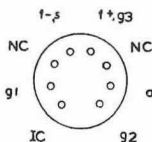
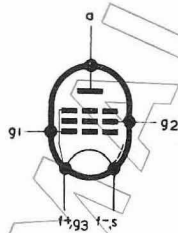
CHARACTERISTICS

V_a	67.5	V
V_{g2}	67.5	V
I_a	1.7	mA
I_{g2}	490	$\mu A \leftarrow$
V_{g1}	0	V
g_m	850	$\mu A/V \leftarrow$
r_a	650	$k\Omega \leftarrow$
μ_{g1-g2}	16	
$*V_{g1}$	-14	V

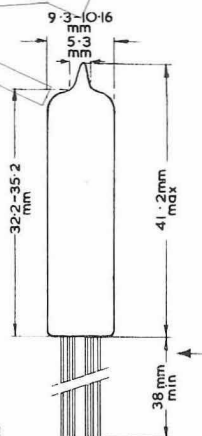
*For a 100:1 reduction in g_m .

LIMITING VALUES

V_a max.	90	V
V_{g2} max.	90	V
I_k max.	2.5	mA



B8D/F Base

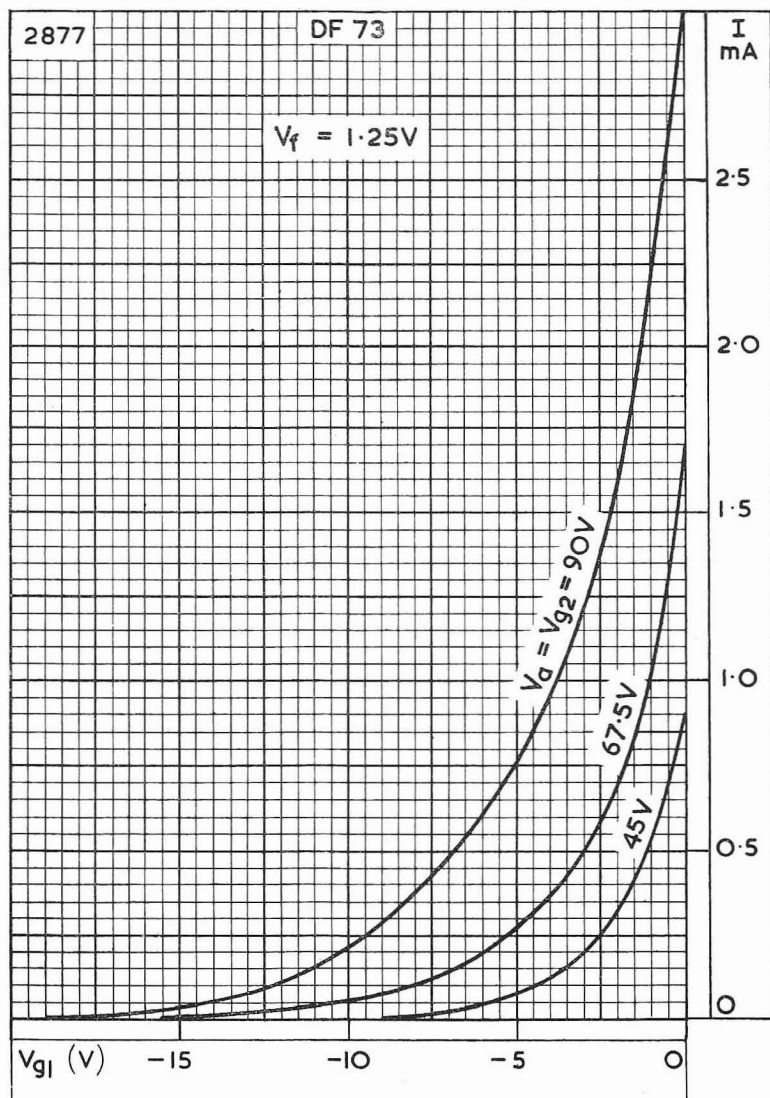


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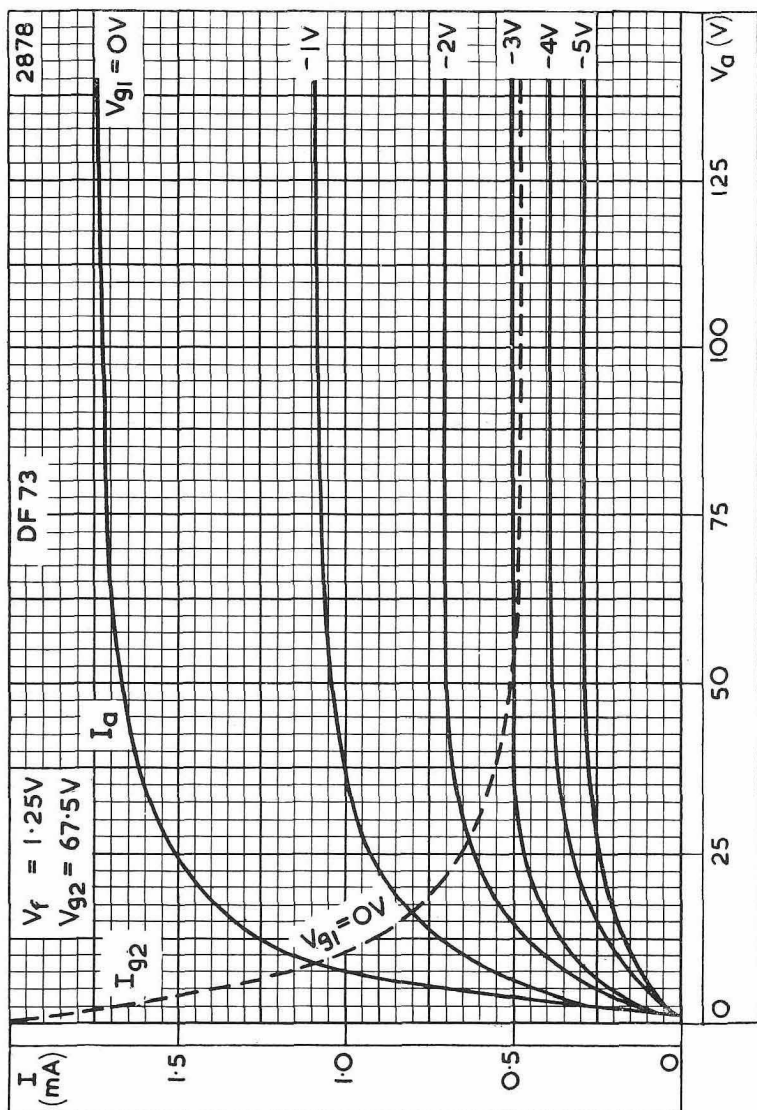


ANODE CURRENT PLOTTED AGAINST CONTROL-GRID VOLTAGE

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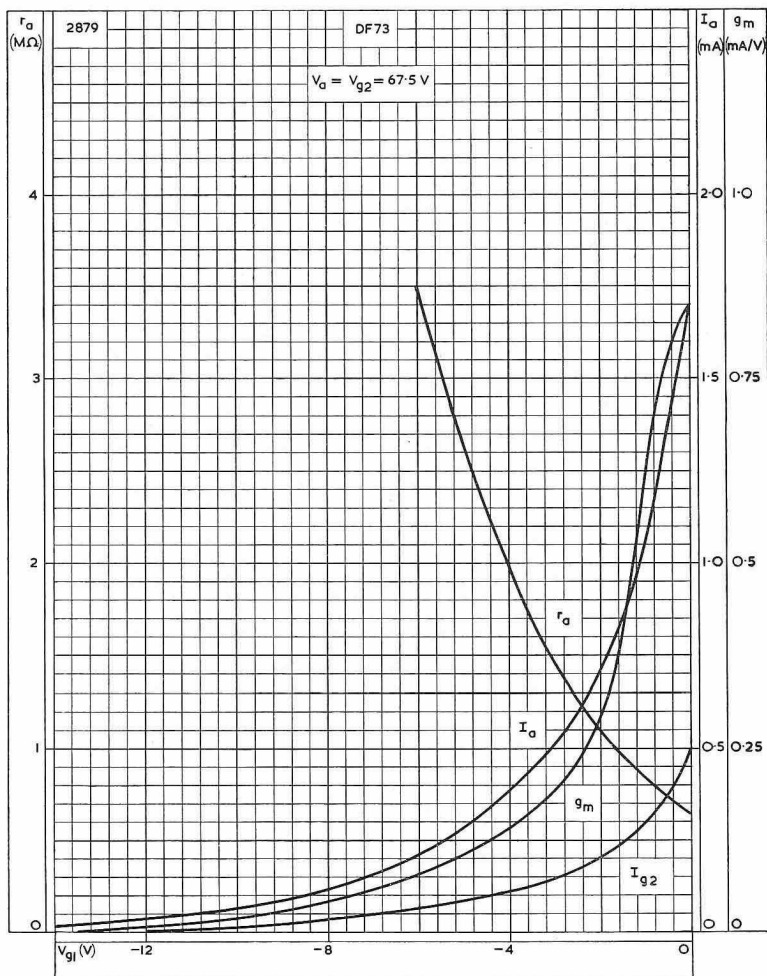


ANODE CURRENT PLOTTED AGAINST ANODE VOLTAGE

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ELECTRODE CURRENTS, MUTUAL CONDUCTANCE AND ANODE
IMPEDANCE PLOTTED AGAINST CONTROL-GRID VOLTAGE