VARIABLE-MU R.F. PENTODE

EF93

Variable-mu pentode for use as r.f. or i.f. amplifier.

HEATER

Suitable for series or parallel operation, a.c. or d.c.

V_h	6.3	V
I_h	300	mA

MOUNTING POSITION

Any

CAPACITANCES (measured without an external shield)

c_{in}	5.5	pF
c_{out}	5.0	pF
c_{a-g1}	3.5	mpF

CHARACTERISTICS

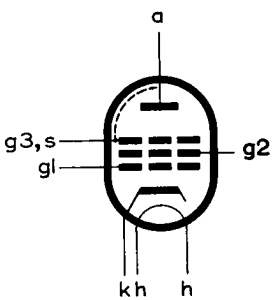
V_a	100	250	V
V_{g3}	0	0	V
R_{g2}	0	33	kΩ
V_{g2}	100	100	V
I_a	10.8	11	mA
I_{g2}	4.4	4.2	mA
V_{g1}	−1.0	−1.0	V
g_m	4.3	4.4	mA/V
r_a	0.25	1.5	MΩ
V_{g1} for 100 : 1 reduction in g_m	−20	−20	V

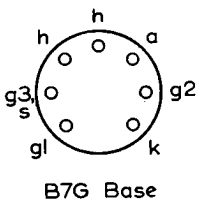
LIMITING VALUES

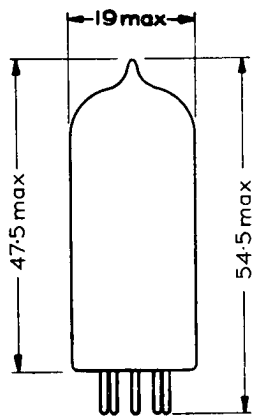
$V_{a(b)}$ max.	550	V
V_a max.	300	V
p_a max.	3.0	W
$V_{g2(b)}$ max.	300	V
V_{g2} max.	125	V
p_{g2} max.	600	mW
I_k max.	18	mA
R_{g1-k} max.	3.0	MΩ
V_{h-k} max.	90	V

EF93

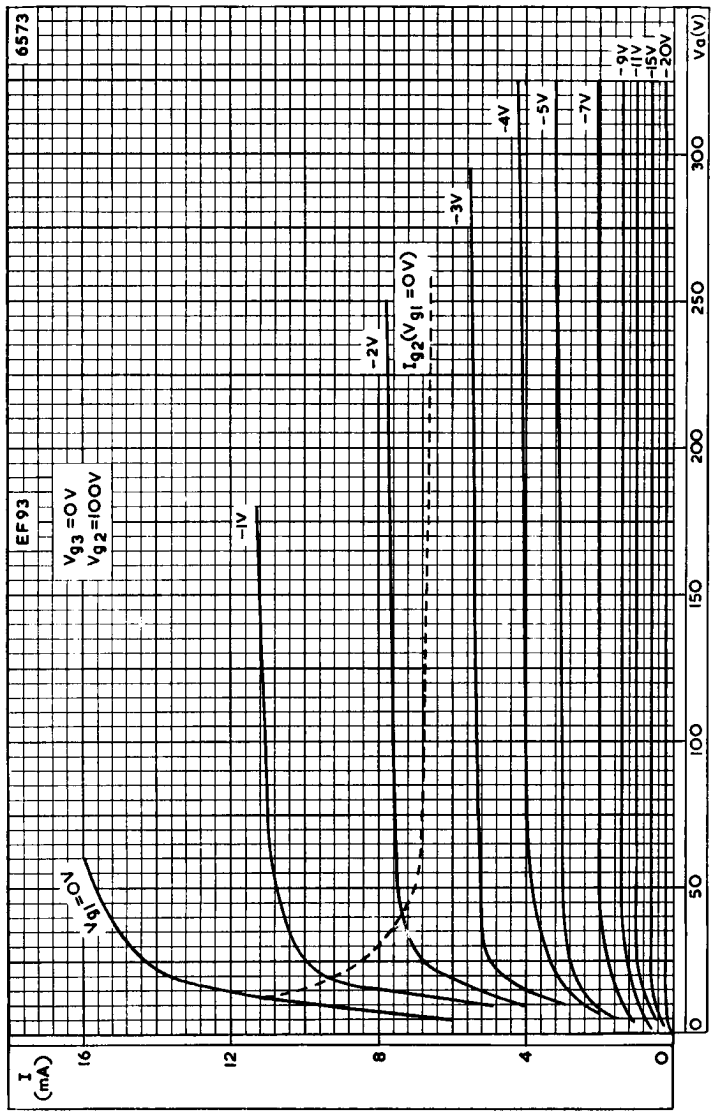
VARIABLE-MU R.F. PENTODE



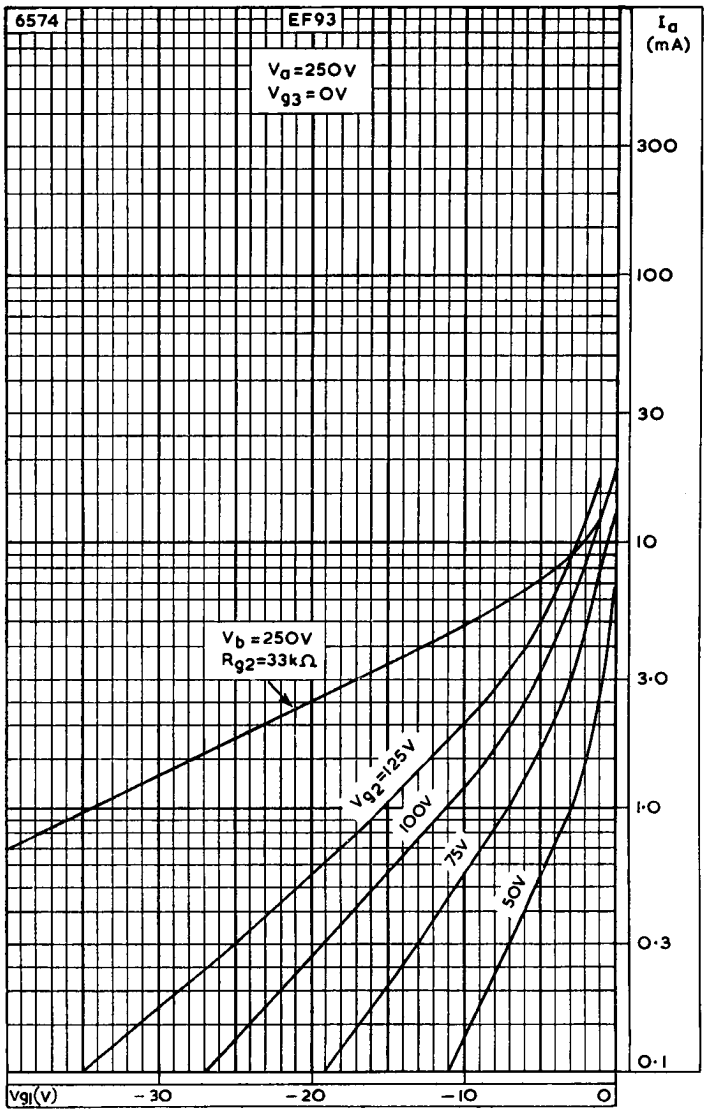




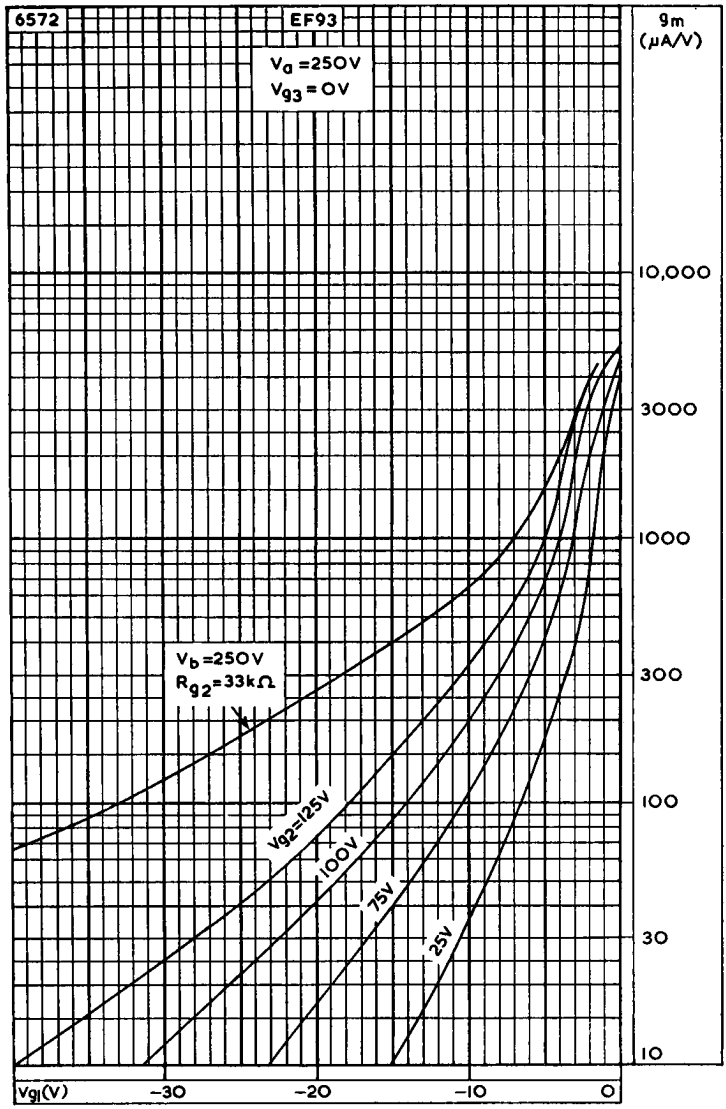
All dimensions in mm



ANODE AND SCREEN-GRID CURRENTS PLOTTED AGAINST ANODE VOLTAGE WITH CONTROL-GRID VOLTAGE AS PARAMETER



ANODE CURRENT PLOTTED AGAINST CONTROL-GRID VOLTAGE WITH SCREEN-GRID VOLTAGE AS PARAMETER



MUTUAL CONDUCTANCE PLOTTED AGAINST CONTROL-GRID VOLTAGE WITH SCREEN-GRID VOLTAGE AS PARAMETER