

U.H.F. TRIODE

EC98

Triode intended for use as a grounded-grid amplifier
in U.H.F. receivers.

HEATER

V_h	6.3	V
I_h	400	mA

CAPACITANCES (measured with external shield)

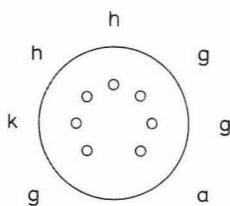
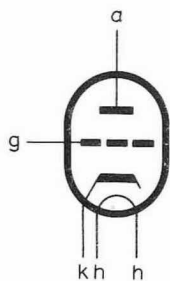
C_{a-g}	2.8	pF
C_{a-k}	80	mpF
C_{h-k}	3.8	pF
$C_{k-g+h+S}$	8.8	pF
$C_{a-g+h+S}$	4.0	pF

CHARACTERISTICS

V_a	150	V
I_a	13.5	mA
V_g	-1.35	V
g_m	13.5	mA/V
μ	50	
r_a	3.7	k Ω
R_k	0	Ω
$V_g (I_a \leq 60 \mu A)$	-15	V

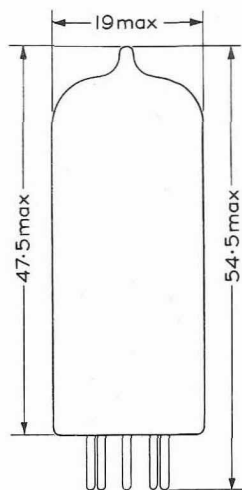
DESIGN CENTRE RATINGS

$V_{a(b)} \text{ max.}$	300	V
$V_a \text{ max.}$	150	V
$p_a \text{ max.}$	2.2	W
$-V_g \text{ max.}$	50	V
$+V_g \text{ max.}$	0	V
$I_k \text{ max.}$	18	mA
$I_g \text{ max.}$	3.2	mA
$R_{g-k} \text{ max.}$	250	k Ω
$V_{h-k} \text{ max.}$	90	V

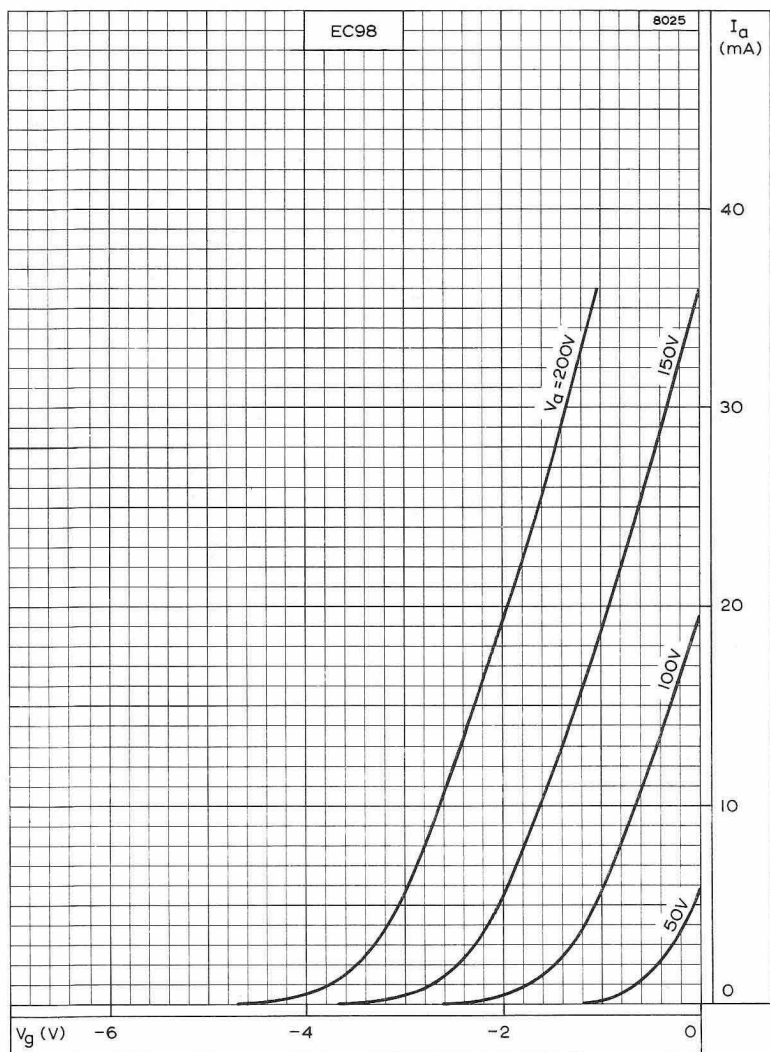


B7G Base

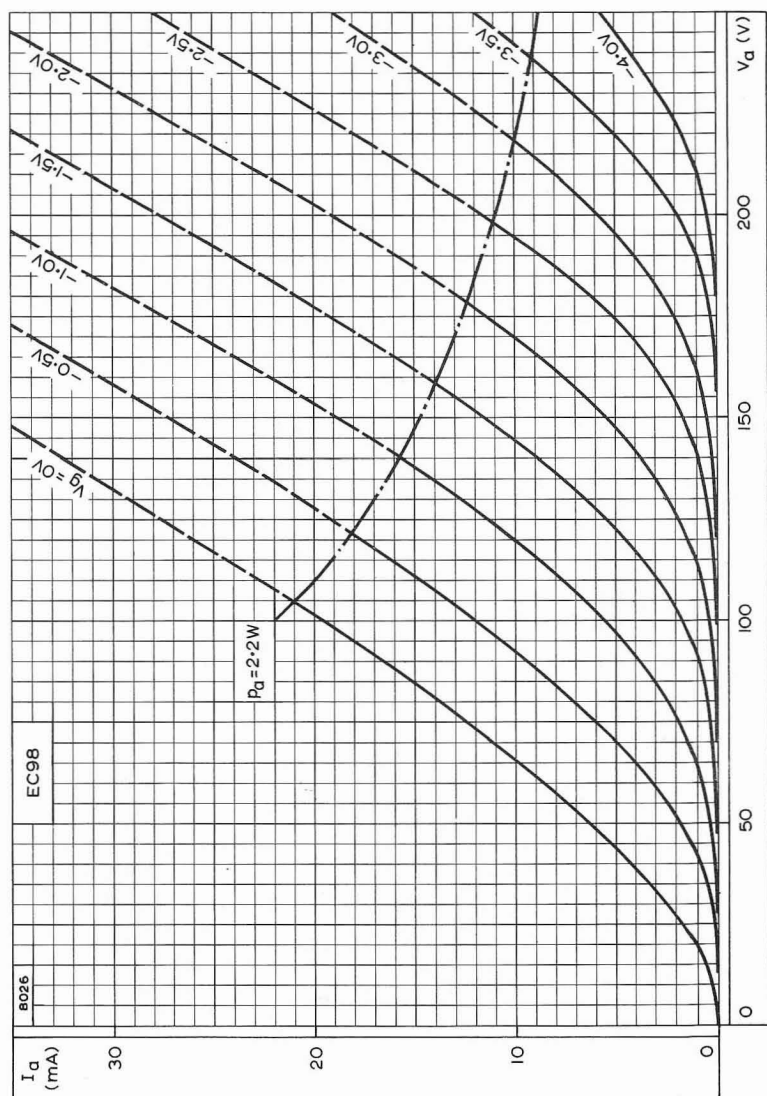
All dimensions in mm



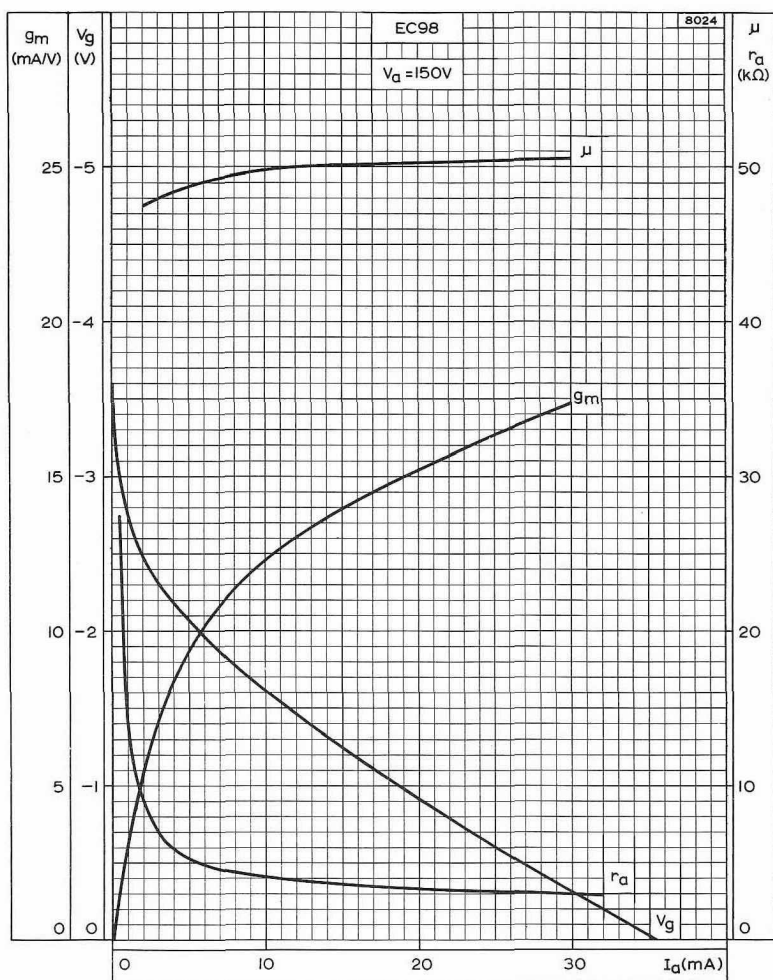
7824



ANODE CURRENT PLOTTED AGAINST GRID VOLTAGE WITH ANODE VOLTAGE AS PARAMETER



ANODE CURRENT PLOTTED AGAINST ANODE VOLTAGE WITH GRID VOLTAGE AS PARAMETER



MUTUAL CONDUCTANCE, ANODE IMPEDANCE, AMPLIFICATION FACTOR
 AND GRID VOLTAGE PLOTTED AGAINST ANODE CURRENT

