

# 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)

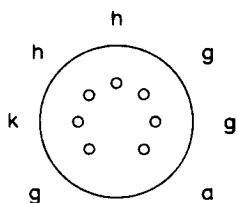
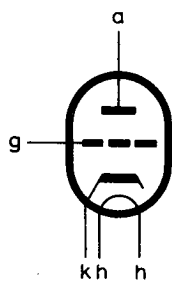
$C_{a-g}$	2.8	pF
$C_{u-k}$	80	mpF
$C_{h-k}$	3.8	pF
$C_{k-g+h+S}$	8.8	pF
$C_{a-g+h+S}$	4.0	pF

## CHARACTERISTICS

$V_{u_1}$	150	V
$I_{B_1}$	13.5	mA
$V_g$	-1.35	V
$g_m$	13.5	mA/V
$\mu$	50	
$r_a$	3.7	k $\Omega$
$R_k$	0	$\Omega$
$V_g (I_{B_1} \leq 60 \mu A)$	-15	V

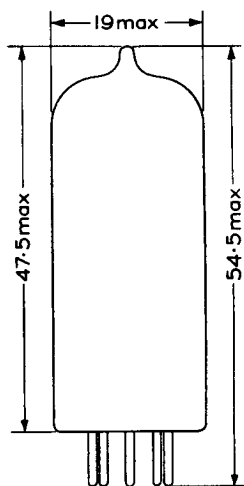
## DESIGN CENTRE RATINGS

$V_{a(b)}$ max.	300	V
$V_a$ max.	150	V
$p_{a_1}$ max.	2.2	W
$-V_g$ max.	50	V
$+V_g$ max.	0	V
$I_k$ max.	18	mA
$I_g$ max.	3.2	mA
$R_{g-k}$ max.	250	k $\Omega$
$V_{h-k}$ max.	90	V



B7G Base

All dimensions in mm



7824