



# Tetrode Type KT67

HIGH SLOPE OUTPUT TETRODE

**General.** The KT67 is an indirectly heated high slope HF tetrode, suitable for use as a series stabilizer, video amplifier or cathode follower.

→ **Mounting.** The valve may be mounted in any position.

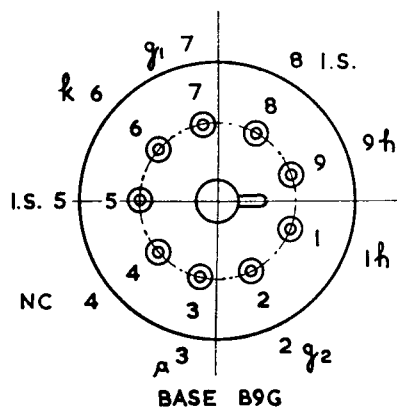
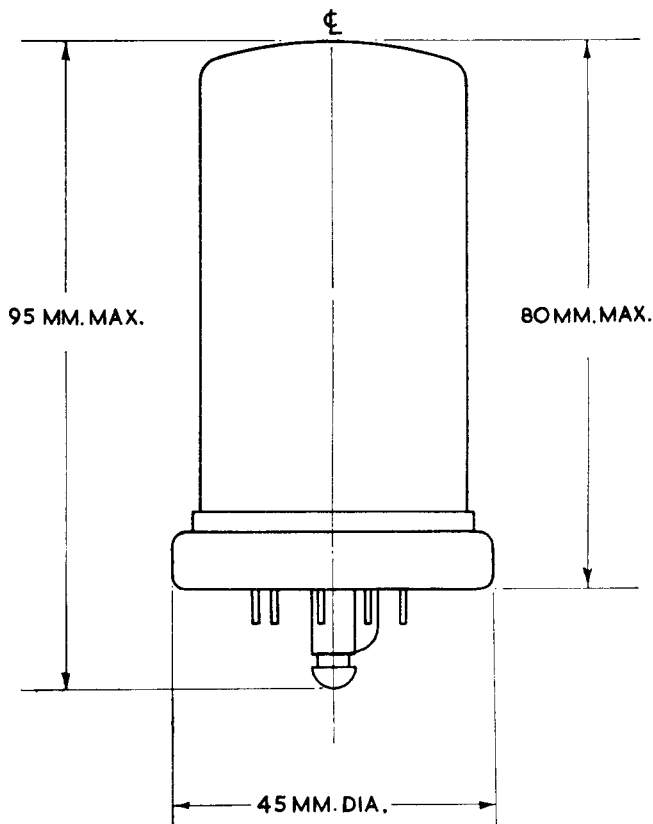
## APPROXIMATE DATA

$V_h$	6.3	V
$I_h$	1.5	A
$V_a$ (max)	600	V
$V_{g2}$ (max)	300	V
$P_a$ (max)	22	W
$P_{g2}$ (max)	3	W
→ $R_{g1-k}$ (fixed bias)	100	k $\Omega$
→ $R_{g1-k}$ (auto bias)	270	k $\Omega$
→ $R_{in}$ at 45 Mc/s	5	k $\Omega$
$g_m$ (taken at $V_a$ 250V $V_{g2}$ 180V $I_a$ 80 mA)	13	mA/V

$C_{a-g1}$	0.08	pF
$C_{in}$	17.5	pF
$C_{out}$	9	pF

In applications where the valve is used triode connected the following maximum ratings will apply:

$V_{(a+g2)}$	300	V
$P_{(a+g2)}$	25	W



MARCONI'S WIRELESS TELEGRAPH COMPANY LIMITED

Head Office: Marconi House, Chelmsford, England. Telephone: Chelmsford 3221. Telegraphic Address: Expanse, Chelmsford

