

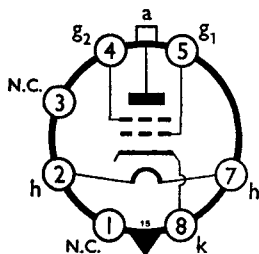


OUTPUT TETRODE

0.3A INDIRECTLY HEATED

KT36
APRIL, 1952

BASE CONNECTIONS AND VALVE DIMENSIONS



View from underside
of base.

Base : International octal

Bulb : Dome top pear

Overall length : 123—133 mm.

Seated length : 109—119 mm.

Max. diameter : 45 mm.

Top cap : CT1

RATING

Pentode Connection

I_h	0.3	A
V_h	26 approx.	V
V_{h-k} (r.m.s.)	200 max.	V
V_a	250	V
v_a (pk)	4 max.	kV
V_{g2}	200	V
P_a	10 max.	W
P_{g2}	3 max.	W
g_m at $V_a = V_{g2} = 150, V_{g1} = -10$	11	mA/V

Triode Connection

$V_{a, g2}$	200	V
$P_{a, g2}$	13 max.	W
μ	7.5	
r_a	800	Ω
g_m	10.5	mA/V

at $V_{a, g2} = 150, V_{g1} = -10$

CAPACITANCES

C_{g1-all}	20	pF
C_{a-all}	12	pF
C_{a-g1}	1.2	pF

SCREENING

No screening is fitted to the valve and, generally, no screening is required.

MOUNTING

Any position.

RETAINING

No retaining device is necessary.

VENTILATION

Adequate ventilation must be provided round the bulb.

MICROPHONY

Although this is of a very low order, equipment should be designed to minimise microphony.

