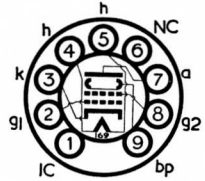


TYPE 6132 TRUSTWORTHY MINIATURE VIDEO OUTPUT PENTODE



The BRIMAR type 6132 is a miniature high slope pentode suitable for video amplification when more power is required than is obtainable from normal R.F. pentodes. Its high anode dissipation and current rating make it suitable for working into loads of low impedance and high self-capacity.

RATINGS

Heater Voltage ...	...	...	...	...	...	6.3	volts
Heater Current ...	...	...	...	...	...	0.75	amp.
Anode Voltage ...	...	...	...	...	...	275	volts max.
Screen (g_2) Voltage ...	...	...	...	...	...	275	volts max.
Anode Dissipation ...	...	...	...	...	...	12	watts max.
Screen Dissipation ...	...	...	...	...	...	2.5	watts max.
D.C. Cathode Current ...	...	...	...	...	...	60	mA max.
Maximum Peak Cathode Current (absolute) ...	...	...	...	...	...	1.5	amp.*
Maximum Control Grid Circuit Resistance ...	...	...	...	...	...	0.1	MΩ†

* The duration of current flow must not exceed 2 μ secs. and must not be greater than 5 per cent of the duty cycle.

† This value may be increased to 220,000 ohms if autobias is employed.

OPERATING CHARACTERISTICS

$V_h = 6.3$, $V_a = 250$, $V_{g_2} = 250$, $V_{g_1} = -4.5$, $V_{g_3} = 0$.

	Min.	Bogey	Max.	
Anode Current ...	30	40	50	mA
Screen Current ...	—	6	7.5	mA
Mutual Conductance ...	9	11	13.5	mA/V
Anode Impedance ...	—	50,000	—	ohms
Inner Amplification Factor ...	20	26	32	

INTER-ELECTRODE CAPACITANCES**

Input ...	...	...	...	...	...	12.5	pF
Output ...	...	...	...	...	...	5.0	pF
Grid to Anode (max.) ...	...	...	...	...	...	0.18	pF

** No external shield.

Type 6132 is a commercial equivalent to the CV4055.

