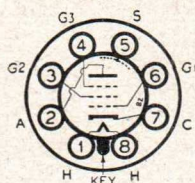


TYPE 7H7
(LOCTAL BASE)
HIGH SLOPE
VARI-MU R.F. PENTODE



The BRIMAR type 7H7 is an indirectly heated vari-mu R.F. pentode of the "all glass" construction and is fitted with a lock-in type base. Type 7H7 features high slope together with good internal screening and is suitable for the R.F. and I.F. amplifier stages of all wave receivers.

RATINGS

Heater Voltage	...	...	...	...	...	...	6.3 volts
Heater Current	...	...	...	...	...	...	0.3 amp.
Anode Voltage	...	...	...	...	...	...	300 volts max.
Anode Dissipation	...	...	...	...	...	...	2.5 watts
Screen (G2) Voltage	...	...	...	...	...	...	150 volts max.
Screen Dissipation	...	...	...	...	...	...	0.5 watts

OPERATING CHARACTERISTICS

[Suppressor Grid (G3) connected to Cathode]

Anode Voltage	...	...	...	...	100	250	250	volts
Anode Current	...	...	...	...	8.2	9.5	9.5	mA
Screen Voltage	...	...	...	...	100	150	250*	volts
Screen Current	...	...	...	...	3.3	3.5	3.5	mA
Control Grid (G1) Voltage	...	...	...	...	-1	-2.5	-2.5	volts
Cathode Bias Resistor	...	...	...	...	100	200	200	ohms
Anode Impedance	...	...	...	...	0.25	0.8	0.8	meg.
Mutual Conductance	...	...	...	...	3.8	3.8	3.8	mA/V
Control Grid Voltage	...	...	...	...	-12	-19	-30	volts

(For Mutual Conductance of 0.005 mA/V)

* Via series screen resistor of 30,000 ohms.

INTER-ELECTRODE CAPACITANCES

Input (Control Grid to all except Anode)	...	...	...	...	8.0	pF
Output (Anode to all except Control Grid)	...	...	...	...	7.0	pF
Control Grid to Anode	...	...	...	...	0.007 max.	

