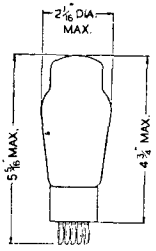
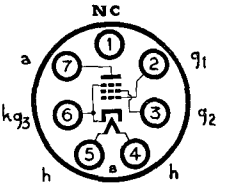


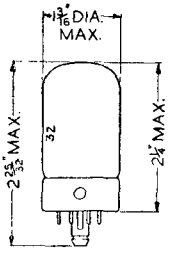
Replacement Type

TYPE 7D8 (ENGLISH BASE) HIGH SLOPE POWER PENTODE



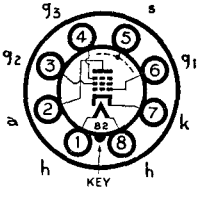
Heater Voltage	13.0 volts
Heater Current	0.65 amp.

Characteristics as type 6AG6G.



Replacement Type

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



RATINGS

Heater Voltage	6.3 volts
Heater Current	0.3 amp.
Anode Voltage	300 volts max.
Anode Dissipation	2.5 watts
Screen (g_3) Voltage	150 volts max.
Screen Dissipation	0.5 watts

OPERATING CHARACTERISTICS

[Suppressor Grid (g_3) 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 (g_1) Voltage	—1	—2.5	—2.5	volts
Cathode Bias Resistor	80	200	200	ohms
Anode Impedance	0.25	0.8	0.8	meg.
Mutual Conductance	4.8	4.2	4.2	mA/V
Control Grid Voltage (For Mutual Conductance of 0.035 mA/V)	—12	—19	—30	volts

** 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 pF max.

† With close fitting external shield connected to Cathode.