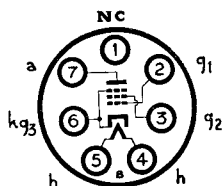


Replacement Type

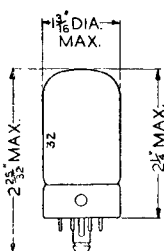
TYPE 7D8
(ENGLISH BASE)
HIGH SLOPE
POWER PENTODE



7D8
7D9
(see 6AM5)
7D10
(see 6CH6)
7H7

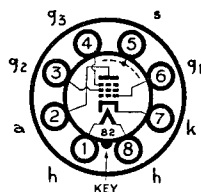
Heater Voltage	...	...	...	...	...	...	...	...	...	...	13.0 volts
Heater Current	...	...	...	...	...	...	...	...	...	...	0.65 amp.

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 ₂) 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 (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	...	...	...	...	...	-12	-19	-30	volts

(For Mutual Conductance of 0.035 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 pF max.

† With close fitting external shield connected to Cathode.