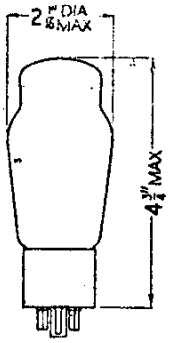
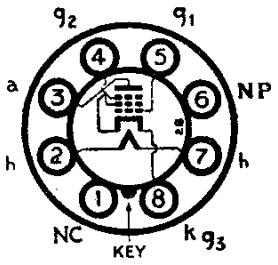
6AG6G
6AK5



Replacement Type

TYPE 6AG6G
(OCTAL BASE)
HIGH SLOPE
OUTPUT PENTODE



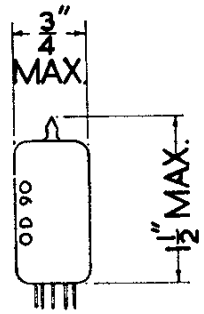
RATINGS

Heater Voltage	6.3 volts	Anode Dissipation	10 watts max.
Heater Current	1.2 amp.	Screen (g_2) Voltage ...	250 volts max.
Anode Voltage	250 volts max.	Screen Dissipation ...	2.5 watts max.

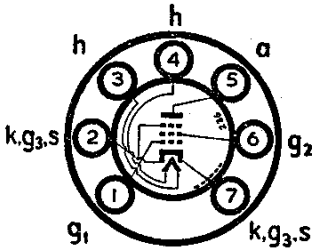
OPERATING CHARACTERISTICS

Anode Voltage	150	200	250	volts
Anode Current	30	31	32	mA
Screen Voltage	150	200	250	volts
Screen Current	5.5	6.0	6.0	mA
Control Grid (g_1) Voltage	—2	—4	—6	volts
Cathode Bias Resistor	60	100	150	ohms
Anode Impedance	40,000	50,000	60,000	ohms
Mutual Conductance	9	10	10	mA/V
Optimum Load	8,900	8,700	8,500	ohms
Power Output	1.3	2.5	3.75	watts

Replacement Type



TYPE 6AK5
MINIATURE
HIGH SLOPE
R.F. PENTODE



RATINGS

Heater Voltage	6.3 volts
Heater Current	0.175 amp.
Anode Voltage	180 volts max.
Anode Dissipation	1.7 watts max.
Screen (g_2) Voltage	90 volts max.
Screen Voltage ($Ig_2 = 0$)	180 volts max.
Screen Dissipation	0.5 watts max.
Peak Heater-Cathode Voltage	120 volts max.

OPERATING CHARACTERISTICS

Anode Voltage	120	180	volts
Anode Current	7.5	7.7	mA
Screen Voltage	120	120	volts
Screen Current	2.5	2.4	mA
Cathode Bias Resistor	180	180	ohms
Mutual Conductance	5.0	5.1	mA/V
Anode Impedance (approx.)	0.3	0.5	megohm.
Control Grid (g_1) Voltage for anode current of 10μA (approx.) ...	—8.5	—8.5	volts

INTER-ELECTRODE CAPACITANCES *

Input	4.0 pF
Output	2.1 pF
Control Grid to Anode	0.03 pF max.

** Measured without external shield.*