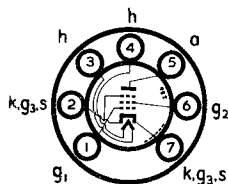
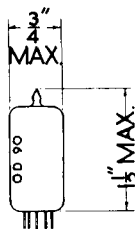


Current Equipment Type

TYPE 6AK5 MINIATURE HIGH SLOPE R.F. PENTODE



The BRIMAR type 6AK5 is a miniature R.F. Pentode intended for use as an R.F. or I.F. amplifier, particularly in wide-band applications. It is useful as an amplifier up to 400 Mc/s.

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 ($ig_s = 0$)	...	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 10 μ A (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.

