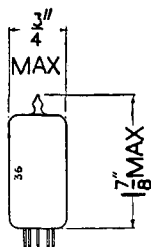
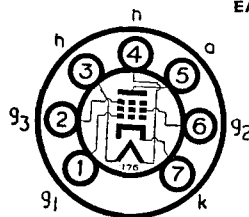


Current Equipment Type

TYPE 6AK6
MINIATURE
POWER PENTODE



B7G Base



The BRIMAR type 6AK6 is a miniature output pentode with low heater consumption suitable for use in both AC and AC/DC equipment. It is particularly suitable where power economy and small physical size are of prime importance.

RATINGS

Heater Voltage	...	...	...	...	...	6.3 volts
Heater Current	...	...	...	...	...	0.15 amp.
Anode Voltage	...	...	...	...	...	275 volts max.
Anode Dissipation	...	...	...	...	...	2.75 watts max.
Screen (g_2) voltage	...	...	...	...	...	250 volts max.
Screen Dissipation	...	...	...	...	...	0.75 watts max.
D.C. Cathode Current	...	...	...	...	...	21 mA max.

OPERATING CHARACTERISTICS (CLASS A)

Anode Voltage	...	...	...	...	...	180 volts
Anode Current	...	...	...	...	...	15 mA
Screen Voltage	...	...	...	...	...	180 volts
Screen Current	...	...	...	...	...	2.5 mA
Control Grid (g_1) Voltage	...	...	...	...	...	—9 volts
Cathode Bias Resistor	...	...	...	...	...	520 ohms
Anode Impedance...	...	...	...	...	...	200,000 ohms
Mutual Conductance	...	...	...	...	...	2.3 mA/V
Inner Amplification Factor ($\mu_{g1, g2}$)	...	...	...	...	...	10.5
Optimum Load	...	...	...	...	...	10,000 ohms
Power Output	...	...	...	...	...	1.1 watts
Harmonic Distortion	...	...	...	...	...	10 per cent

Type 6AK6 is a commercial equivalent to the CV1762

