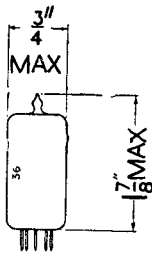


6AU6



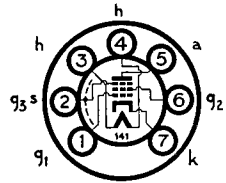
B7G Base

Current Equipment Type

TYPE **6AU6**

HIGH SLOPE

R.F. PENTODE



Type 6AU6 is a sharp cut-off pentode suitable for use as R.F. or A.F. amplifier, limiter or sync. separator.

RATINGS

Heater Voltage	...	...	...	...	6.3 volts
Heater Current	...	...	...	...	0.3 amp.
Anode Voltage	...	...	...	...	300 volts max.
Anode Dissipation	...	...	...	...	3.0 watts max.
Screen (g_2) Supply Voltage	...	...	...	...	300 volts
Screen (g_2) Voltage	...	...	...	...	150 volts max.
Screen Dissipation	...	...	...	...	0.65 watts max.

OPERATING CHARACTERISTICS

[Suppressor grid (g_3) connected to Cathode]

Anode Voltage	...	...	...	...	250	250	100	volts
Anode Current	...	...	...	...	10.8	7.6	5.2	mA
Screen Voltage	...	...	...	...	150	125	100	volts
Screen Current	...	...	...	...	4.3	3.0	2.0	mA
Control Grid (g_1) Voltage	...	...	...	...	-1	-1	-1	volts
Cathode Bias Resistor	...	...	...	...	68	100	140	ohms
Anode Impedance...	...	...	...	...	1.0	1.5	0.5	meg.
Mutual Conductance	...	...	...	...	5.2	4.4	3.9	mA/V
Inner Amplification Factor (μ_{g_1, g_2})	...	...	...	...	41	41	41	
Input Impedance (50 Mc/s)	...	...	...	...	3,500	—	—	ohms
Input Impedance (90 Mc/s)	...	...	...	...	900	—	—	ohms
Control Grid Voltage	...	...	...	...	-6.2	-5.2	-4.2	volts

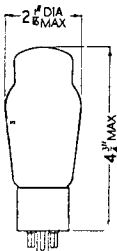
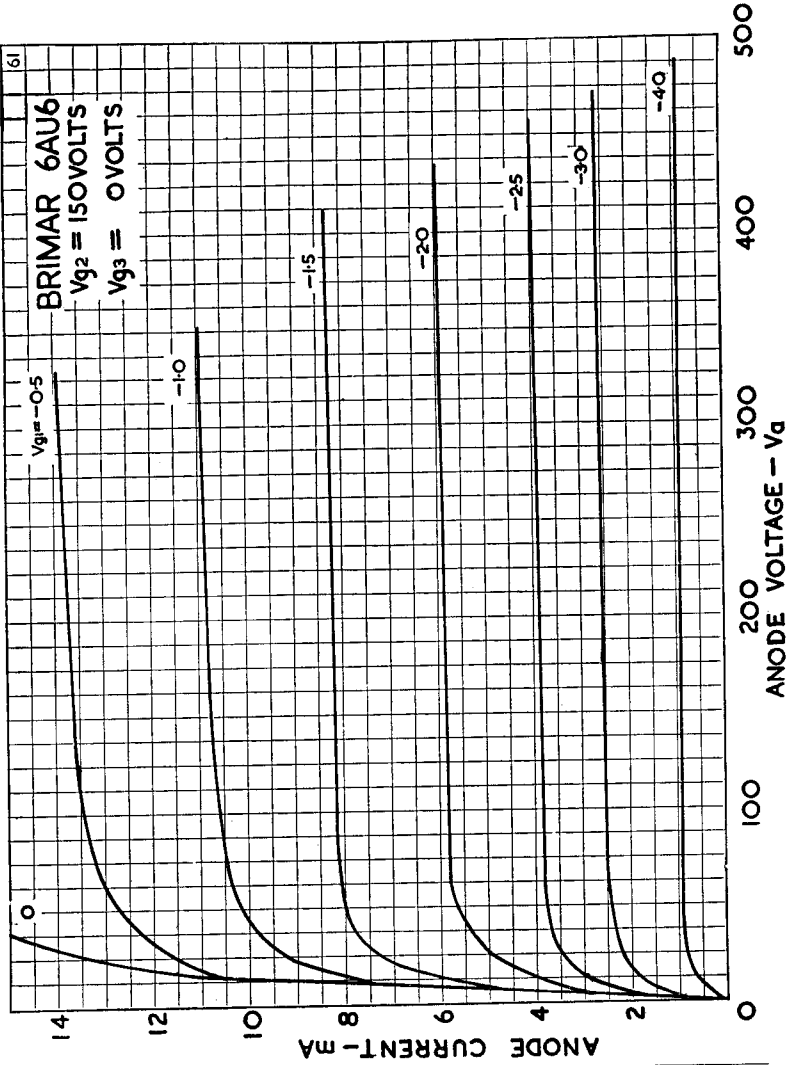
(For Anode Current Cut-off).

INTER-ELECTRODE CAPACITANCES *

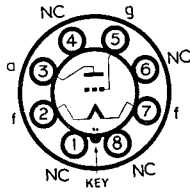
Input	...	...	...	...	...	...	...	5.5 pF
Output	...	...	...	...	...	...	...	5.0 pF
Grid to Anode	...	...	...	...	...	...	...	0.0035 pF max.

* With no external shield.

6AU6
6B4G



Replacement Type
TYPE 6B4G
 (OCTAL BASE)
POWER TRIODE
 CHARACTERISTICS



Filament Voltage ... 6.3 volts Filament Current ... 1.0 amp.
 For further information refer to type 6A3.