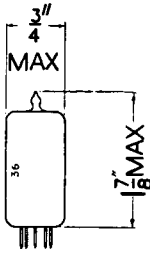


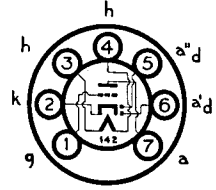
6AT6

Current Equipment Type

TYPE 6AT6 DOUBLE DIODE TRIODE



B7G Base



RATINGS

Heater Voltage	...	...	...	...	...	6.3 volts
Heater Current	...	...	...	...	...	0.3 amp.
Anode Voltage	...	...	...	...	...	300 volts max.
Diode Current	...	...	...	...	...	1.0 mA max.

OPERATING CHARACTERISTICS

Anode Voltage	...	...	...	...	...	250 volts
Anode Current	...	...	...	...	...	1.0 mA
Grid Voltage	...	...	...	...	...	-3 volts
Anode Impedance	...	...	...	...	...	58,000 ohms
Mutual Conductance	...	...	...	...	...	1.2 mA/V
Amplification Factor...	...	...	...	...	...	70

OPERATING AS RESISTANCE COUPLED AMPLIFIER

Anode Supply Voltage	...	...	...	100	250	250 volts
Anode Load Resistor	...	...	...	0.5	0.25	0.25 meg.
Grid Resistor	...	...	...	1.0	1.0	1.0 meg.
Cathode Bias Resistor	...	...	...	9,000	3,000	0 ohms
Peak Output	...	...	...	16	43	40 volts
*Stage Gain	...	...	...	33	42	42
*Harmonic Distortion	...	...	...	2	1	5 per cent.

* Figures are for 12 volts peak output

INTER-ELECTRODE CAPACITANCES *

Grid to Cathode	...	...	...	...	...	2.3 pF
Anode to Cathode	...	...	...	...	...	1.1 pF
Grid to Anode	...	...	...	...	...	2.1 pF
Diode Anode (a''d) to Grid...	...	...	...	...	...	0.025 pF max.

* With no external shield

Type 6AT6 is a commercial equivalent of the CV452

