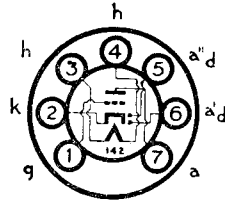


**Current Equipment Type**

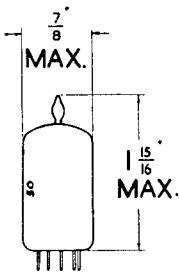
**TYPE 12AV6  
DOUBLE DIODE  
TRIODE**



**RATINGS**

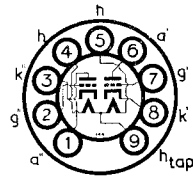
Heater Voltage ... .. 12.6 volts Heater Current... .. 0.15 amps.

*For further information, see type 6AV6.*



**Current Equipment Type**

**TYPE 12AX7  
MINIATURE  
DOUBLE TRIODE  
(HIGH-MU)**



B9A (Noval) Base

**RATINGS**

Heater Voltage ... ..	6.3	} or {	12.6	volts
Heater Current ... ..	0.3		0.15	amp.
Anode Voltage ... ..			300	volts max.
Anode Dissipation ... ..			1.0	watts max.
Anode Voltage (Zero Anode Current) ... ..			550	volts max.

**OPERATING CHARACTERISTICS (Each Section)**

Anode Voltage ... ..	100	250	volts
Anode Current ... ..	0.5	1.2	mA
Grid Voltage ... ..	-1	-2	volts
Anode Impedance ... ..	80,000	62,500	ohms
Mutual Conductance ... ..	1.25	1.6	mA/V
Amplification Factor ... ..	100	100	

**OPERATION AS RESISTANCE COUPLED AMPLIFIER**

Anode Supply Voltage ... ..	100	250	volts
Anode Load Resistor ... ..	0.25	0.25	meg.
Cathode Bias Resistor ... ..	6,500	3,000	ohms
Peak Output ... ..	10	50	volts
Stage gain ... ..	45	60	

**INTER-ELECTRODE CAPACITANCES \***

		Section 1	Section 2	
Input ... ..		1.6	1.6	pF
Output ... ..		0.46	0.34	pF
Grid to Anode ... ..		1.7	1.7	pF

\* With no external shield.

*Type 12AX7 is a commercial equivalent of the CV492.*

