BRIMAR type 1L4 may be used as R.F. or I.F. amplifier in stages where A.V.C. is not applied. It is also suitable for R.C. coupled A.F. amplifier operation.

**RATINGS**

- Filament Voltage ...... 1.4 volts
- Filament Current ...... 0.05 amp
- Anode Voltage ...... 110 volts max.
- Screen (g2) Voltage ...... 90 volts max.
- Cathode Current ...... 6.5 mA max.

**CHARACTERISTICS**

- Anode Voltage ...... 90 volts
- Anode Current ...... 4.5 mA
- Screen Voltage ...... 67.5 volts
- Screen Current ...... 2.0 mA
- Control Grid (g1) Voltage ...... 0 volts
- Mutual Conductance ...... 1.03 mA/V
- Anode Impedance ...... 0.35 meg.
- Control Grid Voltage ...... -8 volts

(For Anode current of 0.01 mA)

**RESISTANCE COUPLED OPERATION**

- Anode and Screen Supply Voltages ...... 45 67.5 90 volts
- Anode Load Resistor ...... 0.5 0.5 1.0 meg.
- Screen Series Resistor ...... 0.66 1.5 2.0 meg.
- Control Grid Resistor ...... 1.0 1.0 1.0 meg.*
- Peak Output ...... 17 30 35 volts
- Voltage Gain ...... 30 45 55

(For 6 volts peak output, distortion 2%)

*The Grid return should be made to negative filament (pin 1) via a resistance of at least 0.5 meg. to minimize variations due to contact potential.

**INTER-ELECTRODE CAPACITANCES †**

- Input ...... 3.6 pF
- Output ...... 7.5 pF
- Control Grid to Anode ...... 0.008 pF max.

† With no external shield.

Type 1L4 is a commercial equivalent to the CV1758