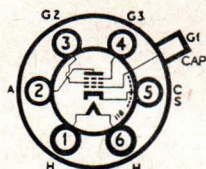


### Replacement Types

## TYPES 77, 77E

(U.X. BASE)

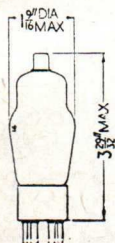
## R.F. PENTODES



|                     |     |           |
|---------------------|-----|-----------|
| Heater Voltage      | ... | 6.3 volts |
| Heater Current      | ... | 0.3 amp.  |
| Anode Voltage       | ... | 250 volts |
| Anode Current       | ... | 2.3 mA    |
| Screen (G2) Voltage | ... | 100 volts |
| Screen Current      | ... | 0.5 mA    |

|                             |     |            |
|-----------------------------|-----|------------|
| Control Grid (G1) Voltage   | ... | -3 volts   |
| Suppressor (G3) Voltage     | ... | 0 volts    |
| Anode Impedance             | ... | 1.5 meg.   |
| Mutual Conductance          | ... | 1.2 mA/V   |
| Control Grid Voltage        | ... | -7.5 volts |
| (For Anode Current cut-off) |     |            |

For further information refer to type 6J7G.



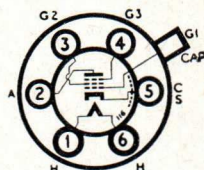
### Replacement Types

## TYPES 78, 78E

(U.X. BASE)

## VARI-MU

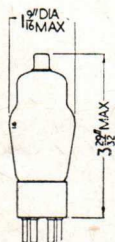
## R.F. PENTODES



|                     |     |           |
|---------------------|-----|-----------|
| Heater Voltage      | ... | 6.3 volts |
| Heater Current      | ... | 0.3 amp.  |
| Anode Voltage       | ... | 250 volts |
| Anode Current       | ... | 7.0 mA    |
| Screen (G2) Voltage | ... | 100 volts |
| Screen Current      | ... | 1.7 mA    |

|                                        |     |           |
|----------------------------------------|-----|-----------|
| Control Grid (G1) Voltage              | ... | -3 volts  |
| Cathode Bias Resistor                  | ... | 330 ohms  |
| Anode Impedance                        | ... | 0.8 meg.  |
| Mutual Conductance                     | ... | 1.45 mA/V |
| Control Grid Voltage                   | ... | -42 volts |
| (For Mutual Conductance of 0.002 mA/V) |     |           |

For further information and characteristic curves refer to type 6K7G.



### Obsolete Type

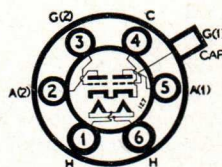
## For Reference Only

## TYPE 79

(U.X. BASE)

## CLASS "B"

## DOUBLE TRIODE



### CHARACTERISTIC AS CLASS "B" AMPLIFIER

|                             |     |       |             |
|-----------------------------|-----|-------|-------------|
| Heater Voltage              | ... | 6.3   | volts       |
| Heater Current              | ... | 0.6   | amp.        |
| Anode Voltage               | ... | 180   | 250 volts   |
| Anode Current (Zero Signal) | ... | 7.6   | 10.6 mA     |
| Input Driving Power         | ... | 350   | 380 mW      |
| Optimum Load*               | ... | 7,000 | 14,000 ohms |
| Power Output                | ... | 5.5   | 8.0 watts   |

\* Anode to Anode load.