

Replacement Type

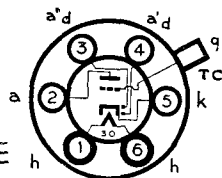
## TYPE 75

(U.X. BASE)

### DOUBLE DIODE TRIODE

#### CHARACTERISTICS

|                |     |           |                      |     |             |
|----------------|-----|-----------|----------------------|-----|-------------|
| Heater Voltage | ... | 6.3 volts | Grid Voltage         | ... | -2 volts    |
| Heater Current | ... | 0.3 amp.  | Anode Impedance      | ... | 91,000 ohms |
| Anode Voltage  | ... | 250 volts | Mutual Conductance   | ... | 1.1 mA/V    |
| Anode Current  | ... | 0.9 mA    | Amplification Factor | ... | 100         |



Replacement Type

## TYPE 76

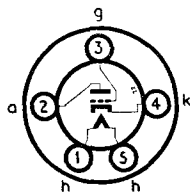
(U.X. BASE)

### GENERAL PURPOSE

#### TRIODE

#### CHARACTERISTICS

|                              |     |           |       |       |
|------------------------------|-----|-----------|-------|-------|
| Heater Voltage               | ... | 6.3 volts |       |       |
| Heater Current               | ... | 0.3 amp.  |       |       |
| Anode Voltage                | ... | 100       | 250   | volts |
| Anode Current                | ... | 2.5       | 5.0   | mA    |
| Grid Voltage                 | ... | -5        | -13.5 | volts |
| Anode Impedance              | ... | 12,000    | 9,500 | ohms  |
| Mutual Conductance           | ... | 1.15      | 1.45  | mA/V  |
| Amplification Factor         | ... | 14        | 14    |       |
| Grid to Anode Capacitance    | ... |           | 2.2   | pF    |
| Grid to Cathode Capacitance  | ... |           | 3.4   | pF    |
| Anode to Cathode Capacitance | ... |           | 5.5   | pF    |



Replacement Types

## TYPES 77, 77E

(U.X. BASE)

### R.F. PENTODES

#### CHARACTERISTICS

|                          |     |           |                                |     |            |
|--------------------------|-----|-----------|--------------------------------|-----|------------|
| Heater Voltage           | ... | 6.3 volts | Control Grid ( $g_1$ ) Voltage | ... | -3 volts   |
| Heater Current           | ... | 0.3 amp.  | Suppressor ( $g_3$ ) Voltage   | ... | 0 volts    |
| Anode Voltage            | ... | 250 volts | Anode Impedance                | ... | 1.5 meg.   |
| Anode Current            | ... | 2.3 mA    | Mutual Conductance             | ... | 1.2 mA/V   |
| Screen ( $g_2$ ) Voltage | ... | 100 volts | Control Grid Voltage           | ... | -7.5 volts |
| Screen Current           | ... | 0.5 mA    | (For Anode Current cut-off)    |     |            |

For further information refer to type 617G.

