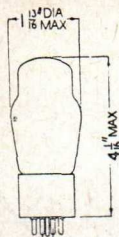
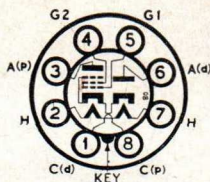


**25A7G**  
**25B8GT**  
**25L6GT**



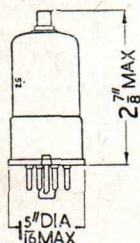
**Obsolete Type**

For Reference Only  
**TYPE 25A7G**  
(OCTAL BASE)  
**PENTODE — RECTIFIER**



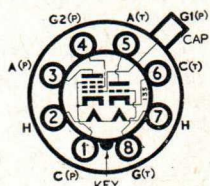
**CHARACTERISTICS**

|                          |                |                           |                |
|--------------------------|----------------|---------------------------|----------------|
| Heater Voltage           | 25 volts       | Screen (G2) Voltage       | 100 volts max. |
| Heater Current           | 0.3 amp.       | Screen Current            | 4 mA           |
| <b>RECTIFIER SECTION</b> |                |                           |                |
| R.M.S. Input             | 125 volts max. | Control Grid (G1) Voltage | -15 volts      |
| Rectified Current        | 75 mA max.     | Cathode Bias Resistor     | 550 ohms       |
| <b>PENTODE SECTION</b>   |                |                           |                |
| Anode Voltage            | 100 volts max. | Anode Impedance           | 50,000 ohms    |
| Anode Current            | 20.5 mA        | Mutual Conductance        | 1.8 mA/V       |
|                          |                | Optimum Load              | 4,500 ohms     |
|                          |                | Power Output              | 0.77 watt      |



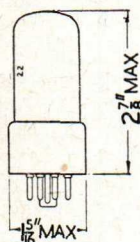
**Obsolete Type**

For Reference Only  
**TYPE 25B8GT**  
(OCTAL BASE)  
**TRIODE—R.F. PENTODE**



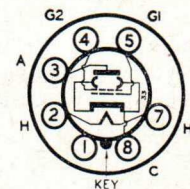
**CHARACTERISTICS**

|                       |           |                            |           |
|-----------------------|-----------|----------------------------|-----------|
| Heater Voltage        | 25 volts  | <b>PENTODE SECTION</b>     |           |
| Heater Current        | 0.15 amp. | Anode (Ap) Voltage         | 100 volts |
| <b>TRIODE SECTION</b> |           |                            |           |
| Anode (At) Voltage    | 100 volts | Anode Current              | 7.6 mA    |
| Anode Current         | 0.6 mA    | Screen (G2p) Voltage       | 100 volts |
| Grid (Gt) Voltage     | -1 volt   | Screen Current             | 2.0 mA    |
| Mutual Conductance    | 1.5 mA/V  | Control Grid (G1p) Voltage | -3 volts  |
| Amplification Factor  | 112       | Anode Impedance            | 0.2 meg.  |
|                       |           | Mutual Conductance         | 2.0 mA/V  |



**Replacement Type**

**TYPE 25L6GT**  
(OCTAL BASE)  
**OUTPUT BEAM**  
**TETRODE**



**CHARACTERISTICS**

|                              |        |        |
|------------------------------|--------|--------|
| Heater Voltage               | 25     | volts  |
| Heater Current               | 0.3    | amp.   |
| Anode Voltage                | 110    | 200    |
| Anode Current                | 49     | 50     |
| Screen Voltage               | 110    | 110    |
| Screen Current (Zero Signal) | 4.0    | 2.0    |
| Screen Current (Max. Signal) | 9      | 7      |
| Control Grid (G1) Voltage    | -7.5   | -8     |
| Cathode Bias Resistor        | 150    | 160    |
| Anode Impedance              | 10,000 | 30,000 |
| Mutual Conductance           | 9.0    | 9.5    |
| Optimum Load                 | 1,500  | 3,000  |
| Power Output                 | 2.1    | 4.3    |
| Harmonic Distortion          | 11     | 10     |