



6V7-G

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# DUPLEX-DIODE TRIODE

|                                                     |                             |                        |
|-----------------------------------------------------|-----------------------------|------------------------|
| Heater ■                                            | Coated Unipotential Cathode |                        |
| Voltage                                             | 6.3                         | a-c or d-c volts       |
| Current                                             | 0.3                         | amp.                   |
| Direct Interelectrode Capacitances - Triode Unit: ° |                             |                        |
| Grid to Plate                                       | 1.7                         | μf                     |
| Grid to Cathode                                     | 2.0                         | μf                     |
| Plate to Cathode                                    | 3.5                         | μf                     |
| Overall Length                                      | 4-7/32" to 4-15/32"         |                        |
| Seated Height                                       | 3-21/32" to 3-29/32"        |                        |
| Maximum Diameter                                    | 1-9/16"                     |                        |
| Bulb                                                | ST-12                       |                        |
| Cap                                                 | Skirted Miniature           |                        |
| Base                                                | Small Shell Octal 7-Pin     |                        |
| Pin 1 - No Connection                               |                             | Pin 5 - Diode Plate #1 |
| Pin 2 - Heater                                      |                             | Pin 7 - Heater         |
| Pin 3 - Triode Plate                                |                             | Pin 8 - Cathode        |
| Pin 4 - Diode Plate #2                              |                             | Cap - Triode Grid      |
| Mounting Position                                   | Any                         |                        |

BOTTOM VIEW (G-7V)

Maximum Ratings, Typical Operating Conditions, and Curves for the 6V7-G are the same as for Type 85.

- In circuits where the cathode is not directly connected to the heater, the potential difference between heater and cathode should be kept as low as possible.
- ° Values are approximate.