

| | | | |
|-------------------------------------|-------------|--------------|---------|
| | 6DL3 | 25DL3 | |
| Heater Voltage (ac/dc) | 6.3 | 25.2 | volts |
| Heater Current | 2.3 | 0.45 | ampere |
| Heater Warm-up Time (average) | — | 11 | seconds |
| Direct Interelectrode Capacitances: | | | |
| Cathode to Plate and Heater | | 17 | pF |
| Plate to Cathode and Heater | | 13 | pF |
| Heater to Cathode | | 4.4 | pF |

Damper Service

For operation in a 525-line, 30-frame system

| | | | |
|---|------|-------|-------|
| Peak Inverse Plate Voltage# | 6500 | | volts |
| Peak Plate Current | 1800 | | mA |
| Average Plate Current | 400 | | mA |
| Plate Dissipation | 11 | | watts |
| Bulb Temperature (At hottest point) | 220 | | °C |
| Heater-Cathode Voltage: | | | |
| Peak value | +300 | —6500 | volts |
| Average value | +100 | —900 | volts |

CHARACTERISTIC, Instantaneous Value

| | | |
|---|----|-------|
| Tube Voltage Drop for plate current of 800 mA | 25 | volts |
|---|----|-------|

Pulse duration must not exceed 15% of a horizontal scanning cycle.

Refer to chart at end of section.

6DL4/EC88

Refer to chart at end of section.

**6DL5
6DL5/EL95**

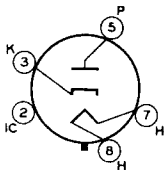
Refer to chart at end of section.

For replacement use type 6DM4A/6DA4.

**6DM4
6DM4A**

**6DM4A/
6DA4
17DM4A**

**HALF-WAVE
VACUUM RECTIFIER**



4CG

Glass octal type used as damper tube in horizontal-deflection circuits of television receivers. Outlines section, 13G; requires octal socket. Socket terminals 1, 2, 4, and 6 should not be used as tie points. This tube, like other power-handling tubes, should be adequately ventilated. Type 17DM4A is identical with type 6DM4A/6DA4 except for heater ratings.

| | | | |
|-------------------------------------|-------------------|---------------|---------|
| | 6DM4A/6DA4 | 17DM4A | |
| Heater Voltage (ac/dc) | 6.3 | 16.8 | volts |
| Heater Current | 1.2 | 0.45 | amperes |
| Heater Warm-up Time (Average) | — | 11 | seconds |

Damper Service

For operation in a 525-line, 30-frame system

MAXIMUM RATINGS (Design-Maximum Values)

| | | | |
|-----------------------------------|------|-------|-------|
| Peak Inverse Plate Voltage# | 5000 | | volts |
| Peak Plate Current | 1200 | | mA |
| Average Plate Current | 200 | | mA |
| Plate Dissipation | 6.5 | | watts |
| Heater-Cathode Voltage: | | | |
| Peak value | +300 | —5000 | volts |
| Average value | +100 | —900 | volts |

Pulse duration must not exceed 15% of a horizontal scanning cycle (10 microseconds).