



6DA4

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HALF-WAVE VACUUM RECTIFIER*For television damper service***GENERAL DATA****Electrical:**

Heater, for Unipotential Cathode:

Voltage (AC or DC) $6.3 \pm 10\%$ volts

Current 1.2 amp

Direct Interelectrode Capacitances
(Approx.):^oPlate to cathode and heater 6 μf Cathode to plate and heater 8 μf Heater to cathode 3 μf **Mechanical:**

Operating Position Any

Maximum Overall Length 3-5/16"

Maximum Seated Length 2-3/4"

Maximum Diameter 1-9/32"

Dimensional Outline See General Section

Bulb T9

Base Intermediate-Shell Octal 5-Pin,

Arrangement 2 (JEDEC Group 1, No. B5-82),

Intermediate-Shell Octal 6-Pin,

Arrangement 1 (JEDEC Group 1, No. B6-8),

Short Intermediate-Shell Octal 5-Pin

with External Barriers, Arrangement 2

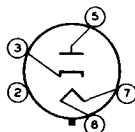
(JEDEC Group 1, No. B5-85), or

Short Intermediate-Shell Octal 6-Pin

with External Barriers, Arrangement 1

(JEDEC Group 1, No. B6-60)

Basing Designation for BOTTOM VIEW 4CG

Pin 1 $\blacklozenge$ - Same as
Pin 2Pin 2 - Internal
Connection -
Do Not Use $\bullet$ Pin 3 - Cathode
Pin 5 - Plate
Pin 7 - Heater
Pin 8 - Heater**DAMPER SERVICE****Maximum Ratings, Design-Maximum Values:***For operation in a 525-line, 30-frame system[□]*

PEAK INVERSE PLATE VOLTAGE* 4400 max. volts

PEAK PLATE CURRENT 900 max. ma

DC PLATE CURRENT 155 max. ma

PLATE DISSIPATION 5.5 max. watts

PEAK HEATER-CATHODE VOLTAGE:

Heater negative with respect to cathode . 4400[▲] max. volts

Heater positive with respect to cathode . 300* max. volts



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HALF-WAVE VACUUM RECTIFIER

Characteristics:

Tube-Voltage Drop for plate

ma. = 250 22 volts

- Without external shield.
- ◆ On the 5-pin bases, pin 1 as well as pins 4 and 6 is omitted.
- Socket terminals 1, 2, 4 and 6 should not be used as tie points.
- As described in "Standards of Good Engineering Practice Concerning Television Broadcast Stations," Federal Communications Commission.
- * This rating is applicable when the duty cycle of the voltage pulse does not exceed 15 per cent of one horizontal scanning cycle. In a 525-line, 30-frame system, 15 per cent of one horizontal scanning cycle is 10 microseconds.
- ▲ The dc component must not exceed 900 volts.
- # The dc component must not exceed 100 volts.