



6AX4-GT

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HALF-WAVE VACUUM RECTIFIER

For Television Damper Service

GENERAL DATA

Electrical:

Heater, for Unipotential Cathode:

Voltage. 6.3 ac or dc volts

Current. 1.2 amp

Direct Interelectrode Capacitances (Approx.):^oCathode to plate and heater. 8.5 μf Plate to cathode and heater. 5 μf Heater to cathode. 4 μf

Mechanical:

Mounting Position. Any

Maximum Overall Length 3-5/16"

Maximum Seated Length. 2-3/4"

Maximum Diameter 1-9/32"

Bulb T-9

Base Intermediate-Shell Octal 6-Pin (JETEC No. B6-8),

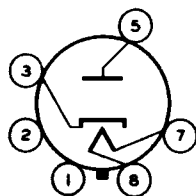
Short Intermediate-Shell Octal 6-Pin (JETEC No. B6-48),

Intermediate-Shell Octal 5-Pin (JETEC No. B5-82),

or Short Intermediate-Shell Octal 5-Pin with

External Barriers (JETEC No. B5-85)

Basing Designation for BOTTOM VIEW 4CG

Pin 1 ♦ - Same as
Pin 2Pin 2 - No Connec-
tion - Do
Not Use •

Pin 3 - Cathode

Pin 5 - Plate

Pin 7 - Heater

Pin 8 - Heater

DAMPER SERVICE

Maximum Ratings, Design-Center Values Except as Noted:

For operation in a 525-line, 30-frame system[□]

PEAK INVERSE PLATE VOLTAGE

(Absolute maximum)*. 4400[■] max. volts

PEAK PLATE CURRENT 750 max. ma

DC PLATE CURRENT 125 max. ma

PLATE DISSIPATION. 4.8 max. watts

PEAK HEATER-CATHODE VOLTAGE:

Heater negative with respect to cathode

(Absolute maximum) 4400^{■▲} max. voltsHeater positive with respect to cathode. 300[#] max. volts^o 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.

■, ▲, #: See next page.

← Indicates a change.

MAR. 1, 1955

TUBE DIVISION

DATA

RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

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- Under no circumstances should this absolute value be exceeded.
- ▲ The dc component must not exceed 900 volts (Absolute maximum).
- * The dc component must not exceed 100 volts.

