



6AU4-GTA

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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 1.8 amp

Direct Interelectrode Capacitances (Approx.):^o

Plate to cathode and heater 8.5 μf
Cathode to heater and plate 11.5 μf
Heater to cathode 4 μf

Mechanical:

Operating Position. Any

Maximum Overall Length. $3-13/16"$ Maximum Seated Length. $3-1/4"$ Maximum Diameter. $1-9/32"$

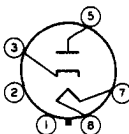
Bulb. T9

Base. 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 2

Pin 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. 4500 max. volts

PEAK PLATE CURRENT. 1300 max. ma

DC PLATE CURRENT. 210 max. ma

PLATE DISSIPATION. 6.5 max. watts

PEAK HEATER-CATHODE VOLTAGE:

Heater negative with
respect to cathode. 4500[▲] max. volts

Heater positive with
respect to cathode. 300[#] max. volts

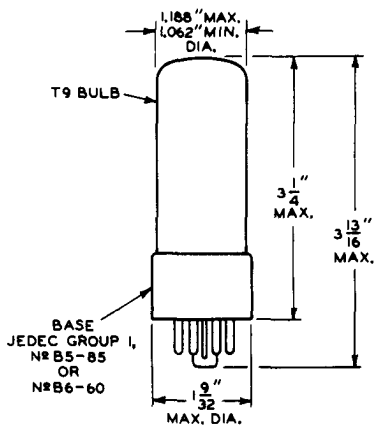
^o Without external shield. $\blacklozenge$ On the 5-pin base, pin 1 as well as pins 4 and 6 is omitted. $\bullet$ Socket terminals 1, 2, 4, and 6 should not be used as tie points.[□] As described in "Standards of Good Engineering Practice Concerning Television Broadcast Stations," Federal Communications Commission.[▲] The dc component must not exceed 900 volts.[#] The dc component must not exceed 100 volts. $\leftarrow$ Indicates a change.

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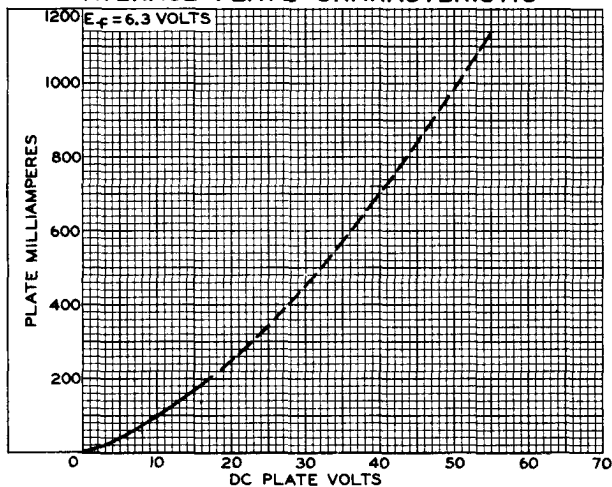


92CS-10172

8-59

CE-10172

AVERAGE PLATE CHARACTERISTIC



ELECTRON TUBE DIVISION

RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

92CS-8651R1