6AU4-GTA
HALF-WAVE VACUUM RECTIFIER
For television damper service

GENERAL DATA

Electrical:
Heater, for Unipotential Cathode:
Voltage (AC or DC) .................. 6.3 ± 10% volts
Current ................................ 1.8 amp
Direct Inter-electrode 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 .................................. 79
Base ................................. Short Intermediate-Shell Octal 5-Pin
with External Barriers, Arrangement 2
(JEDEC Group 1, No. B5-B5),
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* - Same as Pin 2
Pin 3 - Cathode
Pin 5 - Plate
Pin 7 - Plate
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.
* On the 5-pin base, 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 Tele-
vision Broadcast Stations," Federal Communications Commission.
* The dc component must not exceed 900 volts.
# The dc component must not exceed 100 volts.

* Indicates a change.

ELECTRON TUBE DIVISION
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

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