



6BY5-GA

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FULL-WAVE VACUUM RECTIFIER

For Television Damper Service

GENERAL DATA

Electrical:

Heater, for Unipotential Cathodes:

Voltage 6.3 ac or dc volts

Current 1.6 amp

Mechanical:

Mounting Position Any

Maximum Overall Length 3-7/8"

Maximum Seated Length 3-5/16"

Maximum Diameter 1-9/16"

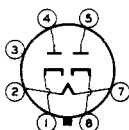
Bulb T-12

Base Medium-Shell Octal 7-Pin (JETEC No. B7-12),
or Short-Medium-Shell Octal 7-Pin
with External Barriers (JETEC No. B7-119)

Basing Designation for BOTTOM VIEW 6CN

Pin 1 - Cathode of
Unit No. 2

Pin 2 - Heater

Pin 3 - No Connection - Do
Not Use*Pin 4 - Plate of
Unit No. 2Pin 5 - Plate of
Unit No. 1

Pin 7 - Heater

Pin 8 - Cathode of
Unit No. 1

DAMPER SERVICE

Values are for Each Unit

Maximum Ratings, Design-Center Values Except as Noted:

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

PEAK INVERSE PLATE VOLTAGE

(Absolute maximum)[#] 3000[■] max. volts

PEAK PLATE CURRENT 525 max. ma

DC PLATE CURRENT 175 max. ma

PEAK HEATER-CATHODE VOLTAGE:

Heater negative with respect to cathode 450 max. volts

Heater positive with respect to cathode 100 max. volts

● Socket terminal No. 3 should not be used as tie point.

□ As described in "Standards of Good Engineering Practice Concerning Television Broadcast Stations", Federal Communications Commission.

* This rating is applicable where 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.

■ Under no circumstances should this absolute value be exceeded.

MAY 1, 1955

TUBE DIVISION

TENTATIVE DATA

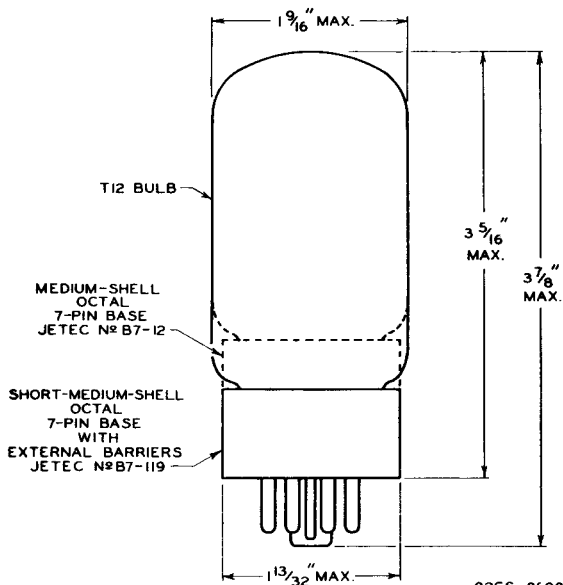
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

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