



6V3-A

HALF-WAVE VACUUM RECTIFIER

9-PIN MINIATURE TYPE

For Television Damper Service

6V3-A

GENERAL DATA

Electrical:

Heater, for Unipotential Cathode:

Voltage 6.3 ac or dc volts

Current 1.75 amp

Direct Interelectrode Capacitances (Approx.):^oHeater to cathode 1.5 μ fPlate to cathode and heater 8 μ fCathode to plate and heater 9 μ f

Mechanical:

Mounting Position Any

Maximum Overall Length 3-1/16"

Seated Length 2-21/32" $\pm$ 1/8"

Maximum Diameter 7/8"

Bulb T-6-1/2

Cap Skirted Miniature (JETEC No. C1-2 or C1-33)

Base Small-Button Noval 9-Pin (JETEC No. E9-1)

Basing Designation for BOTTOM VIEW 9B0

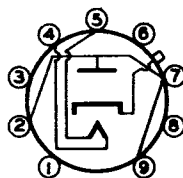
Pin 1 - No Con-
nection

Pin 2 - Plate

Pin 3 - Same as
Pin 1

Pin 4 - Heater

Pin 5 - Heater

Pin 6 - Same as
Pin 1

Pin 7 - Plate

Pin 8 - Same as
Pin 1

Pin 9 - Plate

Cap - Cathode

DAMPER SERVICE

Maximum Ratings, Design-Center Values Except as Noted:

For operation in a 525-line, 30-frame system^o

PEAK INVERSE PLATE VOLTAGE

(Absolute maximum)[#] 6000[■] max. volts

PEAK PLATE CURRENT 800 max. ma

DC PLATE CURRENT 135 max. ma

PEAK HEATER-CATHODE VOLTAGE:

Heater negative with respect to cathode

(Absolute maximum)[#] 6750^{■▲} max. voltsHeater positive with respect to cathode . 300[●] max. volts^o Without external shield.[□] 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.[▲] The dc component must not exceed 750 volts.[●] The dc component must not exceed 100 volts.

MAY 1, 1955

TUBE DIVISION

TENTATIVE DATA

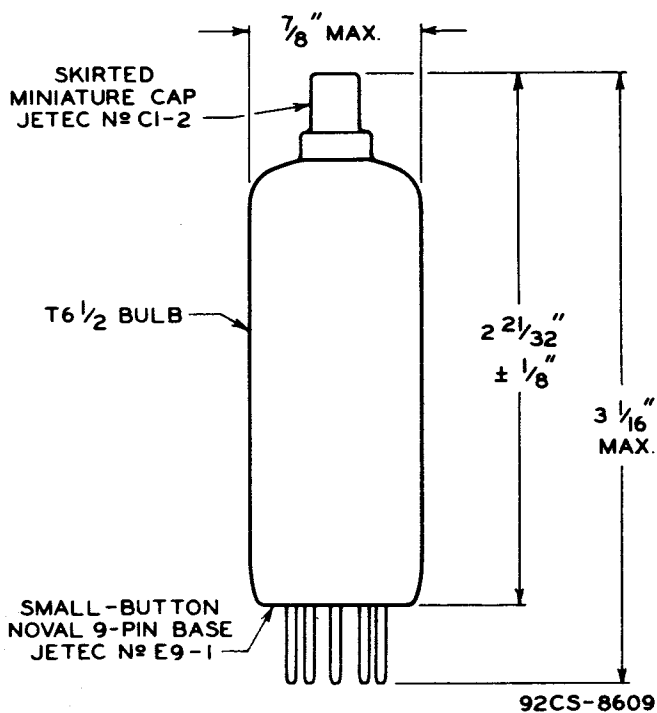
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

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MAY 1, 1955

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