



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.):^o

Heater to cathode	1.5	$\mu\mu\text{f}$
Plate to cathode and heater	8	$\mu\mu\text{f}$
Cathode to plate and heater	9	$\mu\mu\text{f}$

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

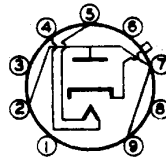
Pin 1 - No Connection

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.	volts
Heater 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

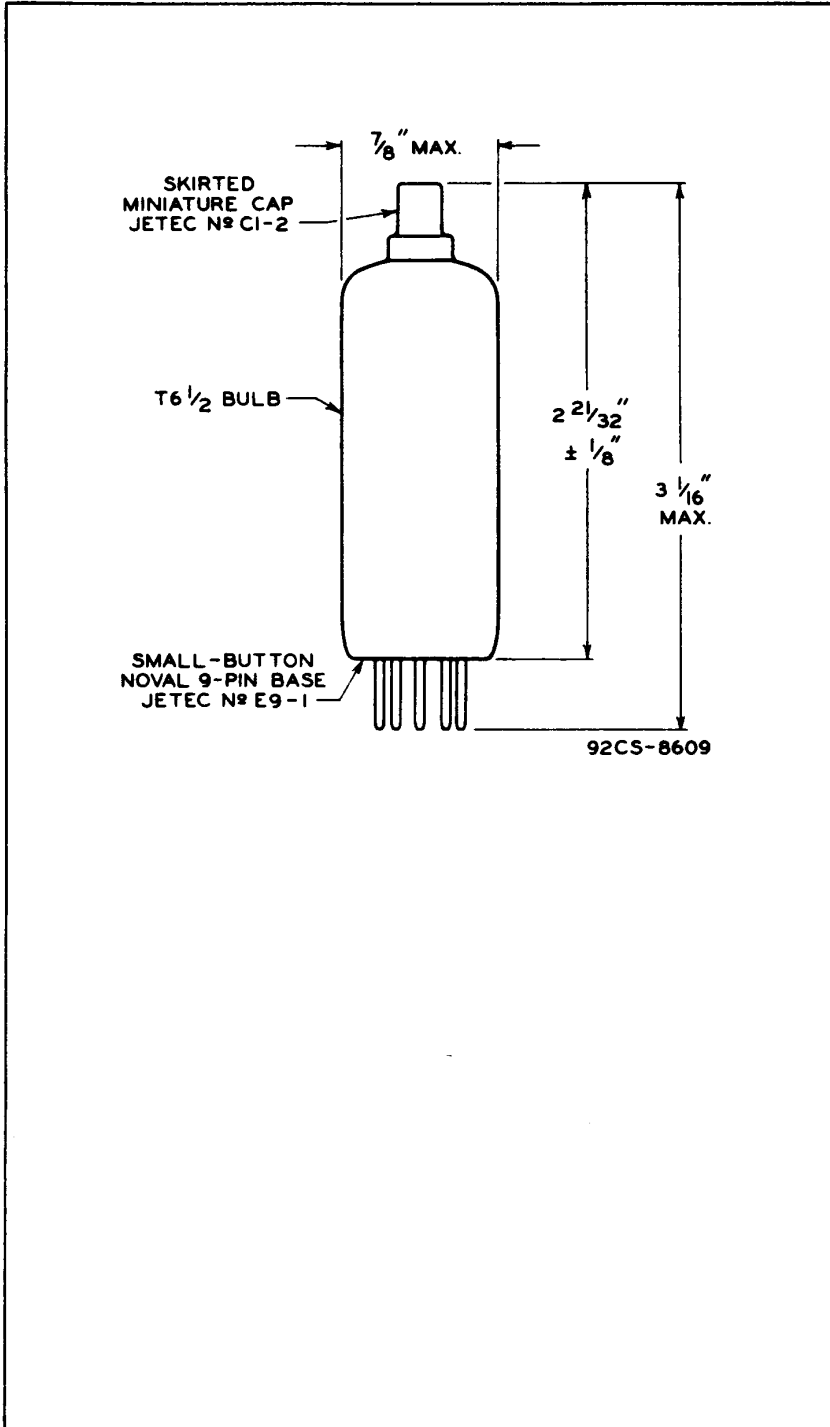
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

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TUBE DIVISION

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