



6V3-A

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HALF-WAVE VACUUM RECTIFIER

9-PIN MINIATURE TYPE

For Television Damper Service

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	μf
Plate to cathode and heater	8	μf
Cathode to plate and heater	9	μf

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.

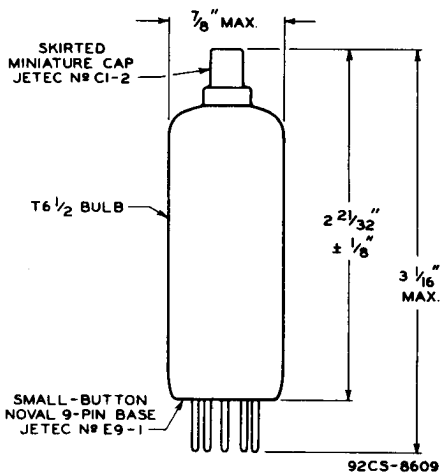
[●] The dc component must not exceed 100 volts.

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