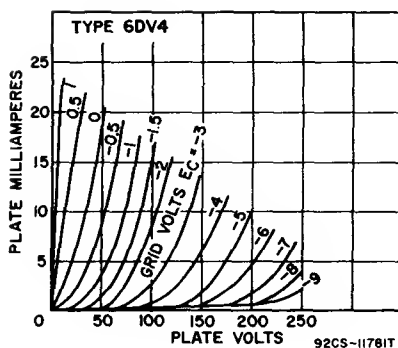


**MAXIMUM CIRCUIT VALUES**

Grid-Circuit Resistance:*

For fixed-bias operation	0.1	megohm
For cathode-bias operation	0.2	megohm

* For operation at metal-shell temperatures up to 135°C.

6DW4
6DW4A

Refer to chart at end of section.

6DW4B**HALF-WAVE
VACUUM RECTIFIER**

Novar types used as damper tubes in horizontal-deflection circuits of color and black-and-white television receivers. **Outlines section, 11D and 30B**, respectively; require novar 9-contact socket. Socket terminals 1, 3, 6, and 8 should not be used as tie points; it is recommended that socket clips for these pins be removed to reduce the possibility of arc-over and to minimize leakage. These tubes, like other power-handling tubes, should be adequately ventilated.



Heater Voltage (ac/dc)	6.3	volts
Heater Current	1.2	amperes
Direct Interelectrode Capacitances (Approx.):		
Plate to Cathode and Heater	6.5	pF
Cathode to Plate and Heater	9	pF
Heater to Cathode	2.8	pF

Damper Service

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

MAXIMUM RATINGS (Design-Maximum Values)

Peak Inverse Plate Voltage#	5500	volts
Peak Plate Current	1300	mA
Average Plate Current	250	mA
Plate Dissipation	8.5	watts
Heater-Cathode Voltage:		
Peak value	+300 —5000	volts
Average value	+100 —900	volts

CHARACTERISTIC, Instantaneous Value

Tube Voltage Drop for plate current of 350 mA	25	volts
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Pulse duration must not exceed 15% of a horizontal scanning cycle (10 microseconds).

6DW5

Refer to chart at end of section.

6DX8

Refer to chart at end of section.