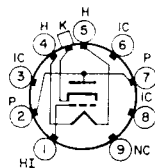


<b>18GB5</b>	Refer to chart at end of section.
<b>18GB5/LL500</b>	Refer to type 6GB5/EL500.
<b>18GD6A</b>	Refer to chart at end of section.
<b>18GV8/PCL85</b>	Refer to type 6GV8/ECL85.
<b>19</b>	Refer to chart at end of section.
<b>19AU4</b>	Refer to chart at end of section.
<b>19AU4GTA</b>	Refer to chart at end of section.
<b>19BG6G</b> <b>19BG6GA</b>	Refer to chart at end of section.
<b>19CG3</b>	For replacement use type 19CG3/19DQ3.
<b>19CG3/19DQ3</b>	Refer to type 6CG3.
<b>19CL8A</b>	Refer to chart at end of section. For replacement use type 19JN8/19CL8A.
<b>19DE3</b>	Refer to chart at end of section.

**19DK3****HALF-WAVE  
VACUUM RECTIFIER**

Novar type used as a damper tube in television receivers. **Outlines section, 35A**; requires novar 9-contact socket. Socket terminals 1, 3, 6, 8 and 9, should not be used as tie points.

**9SG**

Heater Voltage (ac/dc)	19	volts
Heater Current	0.6	ampere
Heater Warm-up Time (Average)	11	seconds
Direct Interelectrode Capacitances:		
Cathode to Plate and Heater	22.0	pF
Plate to Cathode and Heater	13.6	pF
Heater to Cathode	1.1	pF

**Damper Service**

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

Peak Inverse Plate Voltage#	6500	volts	
Peak Plate Current	1200	mA	
Average Plate Current	400	mA	
Plate Dissipation	9	watts	
Bulb Temperature (At hottest point)	220	°C	
Heater-Cathode Voltage:			
Peak value	+300	-6500	volts
Average value	+100	-900	volts

**CHARACTERISTIC, Instantaneous Value**

Tube Voltage Drop for plate current of 800 mA	25	volts
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# Pulse duration must not exceed 15% of a horizontal scanning cycle.

<b>19DQ3</b>	For replacement use type 19CG3/19DQ3.
<b>19EA8</b>	Refer to type 6EA8.
<b>19EZ8</b>	Refer to chart at end of section.