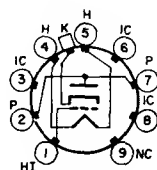


18GB5	Refer to chart at end of section.
18GB5/LL500	Refer to type 6GB5/EL500.
18GD6A	Refer to chart at end of section.
18GV8/PCL85	Refer to type 6GV8/ECL85.
19	Refer to chart at end of section.
19AU4	Refer to chart at end of section.
19AU4GTA	Refer to chart at end of section.
19BG6G	
19BG6GA	Refer to chart at end of section.
19CG3	For replacement use type 19CG3/19DQ3.
19CG3/19DQ3	Refer to type 6CG3.
19CL8A	Refer to chart at end of section.
	For replacement use type 19JN8/19CL8A.
19DE3	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	volts
Average value	+100	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.

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