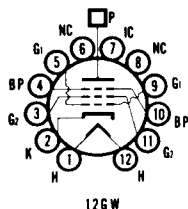


6LF6
20LF6

Color Television Type
**HORIZONTAL DEFLECTION
AMPLIFIER**

Beam Pentode

Construction.....Compactron T-12
BaseE12-74
Top CapC1-1
Basing12GW
Outline
Maximum Diameter1.563 In.
Maximum Seated Height4.570 In.
Maximum Overall Height4.950 In.

**ELECTRICAL DATA****HEATER OPERATION**

	20LF6	6LF6
Heater Voltage	20	6.3 Volts
Heater Current	0.6	2.0 Amp.

DIRECT INTERELECTRODE CAPACITANCES (Unshielded)

Grid to Plate	3.0 pf
Input: g1 to (h + k + g2 + bp).....	37 pf
Output: p to (h + k + g2 + bp).....	18.5 pf

RATINGS (Design Maximum Rating System)**Horizontal Deflection Amplifier**

DC Plate Supply Voltage at Zero Current (Max.)	990 Volts
Peak Positive Plate Voltage ⁽¹⁾ (Max.)	8000 Volts
Beam Plate Voltage (Max.)	50 Volts
Grid No. 2 Voltage (Max.)	275 Volts
Peak Negative Grid No. 1 Voltage (Max.)	550 Volts
Plate Dissipation (Max.)	40 Watts
Peak Cathode Current (Max.)	1400 Ma
Beam Plate Circuit Resistance (Max.)	0.01 Megohms
Bulb Temperature (At Hottest Point) (Max.)	300 °C

AVERAGE CHARACTERISTICS (Measured Under Pulse Conditions)

	Max.	Min.	During Flyback
Plate Voltage	160	50	7000 Volts
Grid No. 2 Voltage	160	175	175 Volts
Grid No. 1 Voltage	0	-10	-185 Volts
Beam Plate Voltage	Tied to Cathode		
Plate Current	1400	800	<0.05 Ma
Grid No. 2 Current	45	70	— Ma

NOTE:

(1) Maximum pulse duration is 22% of a cycle, maximum 18 μ sec.