

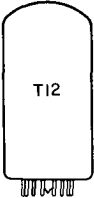
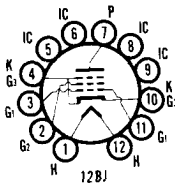
RATINGS (Design Maximum Rating System) (Each Section)		
Plate Voltage (Max.)		330 Volts
Grid Voltage		
Negative Bias Value (Max.)		55 Volts
Positive Bias Value (Max.)		0 Volt
Plate Dissipation (Max.)		1.2 Watts
CHARACTERISTICS AND TYPICAL OPERATION (Each Section)		
Plate Voltage	100	250 Volts
Grid Voltage	-1	-2 Volts
Amplification Factor	100	100
Plate Resistance	80,000	62,500 Ohms
Transconductance	1250	1600 μ mhos
Plate Current	0.5	1.2 Ma

21HB5A

HORIZONTAL DEFLECTION
AMPLIFIER

Beam Power Pentode

Construction.....Compactron T-12
Base Button 12 Pin, E12-74
Basing 12BJ
Outline 12-58
 Maximum Diameter 1.563 In.
 Maximum Seated Height 3.000 In.
 Maximum Overall Height 3.375 In.
The 21HB5A is identical to the 21HB5 except for
Rp = 9900 Ohms, Gm = 9000 μ mhos,
Ib = 46 Ma, Ic2 = 1.8 Ma, Ec1 (for Ib = 1 Ma)
-32 V and Triode amplification factor = 4.8.



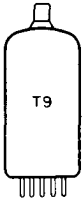
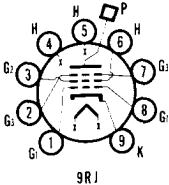
21KQ6

29KQ6

HORIZONTAL DEFLECTION
AMPLIFIER

Beam Power Pentode

Construction T-9
Base Button 9 Pin, E9-23
Top Cap C1-1
Basing 9RJ
Outline
 Maximum Diameter 1.188 In.
 Maximum Seated Height 3.760 In.
 Maximum Overall Height 4.133 In.



ELECTRICAL DATA
HEATER OPERATION

	29KQ6	21KQ6
Heater Voltage.....	29	21.5 Volts
Heater Current.....	300	450 Ma
Maximum Heater-Cathode Voltage		
Heater Negative with Respect to Cathode		
DC		240 Volts
Total DC and Peak.....		240 Volts
Heater Positive with Respect to Cathode		
DC		240 Volts
Total DC and Peak.....		240 Volts
DIRECT INTERELECTRODE CAPACITANCES (Unshielded)		
Grid No. 1 to Plate		1.5 Pf
Input: g1 to (h + k + g2 + g3)		27 Pf
Output: p to (h + k + g2 + g3)		11 Pf
Grid No. 1 to Heater		0.12 Pf
RATINGS (Design Maximum Rating System)		
Plate Voltage (Max.)		275 Volts
Plate Voltage without Plate Current (Max.)		600 Volts