Compactron Triode-Twin Pentode

8BA11

The 8BA11 is a compactron triode - twin pentode. The medium-mu triode section may be used as a vertical-deflection oscillator. The twin pentode incorporates separate plates and number-3 grids for the two sections together with a common screen, number-1 grid, and cathode. This section is intended for combined sync-AGC applications in television receivers.

Except for heater characteristics, the 8BA11 is identical to the 6BA11.

GENERAL

ELECTRICAL

Cathode - Coated Unipotential

Heater Characteristics and Ratings

Heater Voltage, AC or DC*	8.4	Volts
Heater Current‡	0.45±0.03	Amperes
Heater Warm-up Time, Average§	11	Seconds

NOTES

* Heater voltage for a bogey tube at If = 0.45 amperes.

‡ The equipment designer should design the equipment so that heater current is centered at the specified bogey value, with heater supply variations restricted to maintain heater current within the specified tolerance.

§ The time required for the voltage across the heater to reach 80 percent of the bogey value after applying 4 times the bogey heater voltage to a circuit consisting of the tube heater in series with a resistance equal to 3 times the bogey heater voltage divided by the bogey heater current.

TUBE DEPARTMENT

GENERAL ELECTRIC

Owensboro, Kentucky