Compactron Dissimilar Double Pentode

24BF11

The 24BF11 is a compactron containing a sharp-cutoff, dual-control pentode (Section 2) and a power pentode (Section 1). The dual-control pentode is intended for use as an FM detector and the power pentode as an audio-frequency output amplifier in television receivers. Except for heater characteristics and ratings, the 24BF11 is identical to the 6BF11.

GENERAL

ELECTRICAL

Cathode - Coated Unipotential

Heater Characteristics and Ratings

Heater Voltage, AC or DC*	24.2	Volts
Heater Current‡	0.315±0.02	Amperes
Heater Warm-up Time, Average§	11	Seconds

NOTES

* Heater voltage for a bogey tube at If = 0.315 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.

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TUBE DEPARTMENT

GENERAL ELECTRIC

Owensboro, Kentucky 42301