



ELECTRONIC  
INNOVATIONS  
IN ACTION

TUBES

— PRODUCT INFORMATION —

# Compactron Twin Pentode

**12BV11**

FOR COLOR DEMODULATOR APPLICATIONS

The 12BV11 is a compactron containing twin, dual-control, sharp-cutoff pentodes designed for use as color demodulators in color television receivers. Grids 1 and 3 may be used as independent control electrodes.

Except for heater characteristics, the 12BV11 is identical to the 6BV11.

## GENERAL

### ELECTRICAL

Cathode - Coated Unipotential

Heater Characteristics and Ratings

Heater Voltage, AC or DC ★	12.6	Volts
Heater Current ■	0.45 ± 0.03	Amperes
Heater Warm-up Time, average ◆	11	Seconds

## NOTES

- ★ Heater voltage for a bogey tube at  $I_f = 0.45$  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 heater voltage divided by the bogey heater current.

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