15AF11 – 15FY7

15AF11
15BD11-A
15FM7
15FY7

15AF11 Compactron Dissimilar-Double-Triode Pentode. The 15AF11 is a compactron containing a high-mu triode, a medium-mu triode, and a sharp-cutoff pentode. The high-mu triode is intended for AGC keyer service, the medium-mu triode for sync separator service, and the pentode for video amplifier service.

Except for heater characteristics and ratings, the 15AF11 is identical to the 6AF11.

GENERAL

ELECTRICAL

Cathode - Coated Unipotential

Heater Characteristics and Ratings		
Heater Voltage, AC or DC★	14.7	Volts
Heater Current●	0.45 ± 0.03	Amperes
Heater Warm-up Time, Average■	11	Seconds

15BD11-A Compactron Dissimilar-Double-Triode Pentode. The 15BD11-A is a compactron containing a high-mu triode, a medium-mu triode, and a sharp-cutoff pentode. The high-mu triode is intended for general-purpose use, the medium-mu triode for sync separator service, and the pentode for video amplifier service.

Except for heater characteristics and ratings, and a higher screen dissipation rating, the 15BD11-A is identical to the 6BD11.

GENERAL

ELECTRICAL

Cathode - Coated Unipotential

Heater Characteristics and Ratings		
Heater Voltage, AC or DC★	14.7	Volts
Heater Current●	0.45 ± 0.03	Amperes
Heater Warm-up Time, Average■	11	Seconds

MAXIMUM RATINGS

DESIGN-MAXIMUM VALUES

Pentode Section

Screen Dissipation	1.5	Watts

15FM7 Compactron Dissimilar Double Triode. The 15FM7 is a compactron dissimilar double triode designed for use as a combined vertical-deflection oscillator and amplifier in television receivers.

Except for heater characteristics and ratings, the 15FM7 is identical to the 6FM7.

GENERAL

ELECTRICAL

Cathode - Coated Unipotential

Heater Characteristics and Ratings		
Heater Voltage, AC or DC★	14.8	Volts
Heater Current●	0.45 ± 0.03	Amperes
Heater Warm-up Time, Average■	11	Seconds

15FY7 Compactron Dissimilar Double Triode. The 15FY7 is a compactron dissimilar double triode designed for use as a combined vertical-deflection oscillator and amplifier in television receivers.

Except for heater characteristics and ratings, the 15FY7 is identical to the 6FY7.

GENERAL

ELECTRICAL

Cathode - Coated Unipotential

Heater Characteristics and Ratings

Heater Voltage, AC or DC★	14.7	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 PRODUCTS DEPARTMENT

GENERAL ELECTRIC

Owensboro, Kentucky 42301