



# 15EA7

## DISSIMILAR DOUBLE TRIODE

### FOR TV VERTICAL-DEFLECTION OSCILLATOR AND AMPLIFIER APPLICATIONS

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## DESCRIPTION AND RATING

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The 15EA7 is a dissimilar double triode designed for use as a combined vertical-deflection oscillator and amplifier in television receivers. The tube is identical to the 6EA7 except for heater characteristics and ratings.

### GENERAL

#### ELECTRICAL

Cathode—Coated Unipotential

Heater Characteristics and Ratings (Design-Maximum Rating System)

Heater Voltage, AC or DC*	14.8	Volts
Heater Current†	0.45 ± 0.03	Ampere
Heater Warm-up Time #	11	Seconds

\* Heater voltage at bogey heater current.

† For series heater operation, the equipment designer shall 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 its rated value after applying 4 times rated heater voltage to a circuit consisting of the tube heater in series with a resistance equal to 3 times the rated heater voltage divided by the rated heater current.

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