



— PRODUCT INFORMATION —

**21LU8**

# Compactron Triode-Pentode

**TUBES**

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

**21LU8 Compactron Triode-Pentode.** The 21LU8 is a compactron containing a medium-mu triode and a beam pentode. The triode is designed for service as a vertical-deflection oscillator and the pentode as a vertical-deflection amplifier in television receivers. Except for heater characteristics and ratings, the 21LU8 is identical to the 6LU8.

## GENERAL

### ELECTRICAL

Cathode - Coated Unipotential		
Heater Characteristics and Ratings		
Heater Voltage, AC or DC*	21	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 bogey heater voltage divided by the bogey heater current.

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Supersedes 21KA6 thru 21LU8 PI Sheet dated 10-68

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