



# 10KR8 TRIODE-PENTODE

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## DESCRIPTION AND RATING

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The 10KR8 is a miniature triode-pentode containing a medium-mu triode and a sharp-cutoff pentode. The pentode is intended for use as a video amplifier and the triode for general-purpose use.

Except for heater characteristics, the 10KR8 is identical to the 6KR8.

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### GENERAL

#### ELECTRICAL

Cathode - Coated Unipotential

#### Heater Characteristics and Ratings

|   |           |         |
|---|-----------|---------|
| Heater Voltage, AC or DC* . . . . .     | 10.5      | 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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