



DESCRIPTION AND RATING

5AQ5 Beam Pentode. Except for heater characteristics and ratings, the 5AQ5 is identical to the 6AQ5-A.

GENERAL

ELECTRICAL

Heater Characteristics and Ratings

| | | |
|---------------------------|------------|---------|
| Heater Voltage, AC or DC* | 4.7 | Volts |
| Heater Current† | 0.6 ± 0.04 | Amperes |
| Heater Warm-up Time‡ | 11 | Seconds |

FOOTNOTES

- φ Heater voltage for a bogey tube at $I_f = 0.3$ amperes.
- ¶ Heater voltage for a bogey tube at $I_f = 0.45$ amperes.
- * Heater voltage for a bogey tube at $I_f = 0.6$ amperes.
- † For series heater operation, 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 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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