



ADVANCE DATA

DESCRIPTION

Features of the design of the 4GK5 include: A partial shield between the grid and plate which lowers the capacitance between these two elements and promotes ease of neutralization; low input capacitance; and higher input impedance by virtue of dual cathode leads.

MECHANICAL DATA

Bulb	T-5½
Base	E7-1, Miniature Button 7-Pin
Outline	5-2
Basing	7FP
Cathode	Coated Unipotential
Mounting Position	Any

ELECTRICAL DATA

HEATER CHARACTERISTICS AND RATINGS

Average Characteristics
Heater Operation **4GK5 Series**

Heater Voltage	4.0 Volts
Heater Current	300 ¹ Ma
Heater Warm-up Time ²	11 Sec.

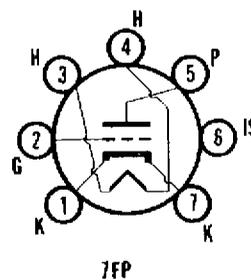
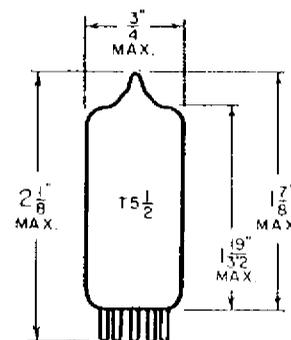
Ratings (Design Maximum Values)

Heater Current ³	280-320 Ma
Maximum Heater-Cathode Voltage	
Heater Negative with Respect to Cathode	
Total DC and Peak	100 Volts
Heater Positive with Respect to Cathode	
Total DC and Peak	100 Volts

QUICK REFERENCE DATA

The Sylvania Type 4GK5 is a frame grid gain controlled triode designed for use as a VHF RF amplifier at a B+ of 135 volts.

Except for heater ratings and controlled heater warm-up time, the 4GK5 is identical to Type 6GK5 contained in EIA Release 3095.



SYLVANIA ELECTRONIC TUBES

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NOTES:

1. For series operation of heater, equipment should be designed that at normal supply voltage bogey tubes will operate at this value of heater current.
2. Heater warm-up time is defined as the time required for the voltage across the heater to reach 80% of the rated heater voltage after applying four (4) times rated heater voltage to a circuit consisting of the tube heater in series with a resistance equal to three (3) times the rated heater voltage divided by the rated heater current.
3. Heater voltage supply variations shall be restricted to maintain heater current within the specified values.