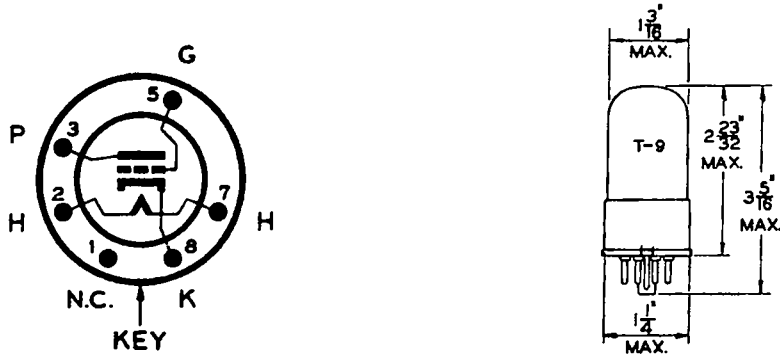


GENERAL DESCRIPTION

Application: The Ken-Rad 12J5GT is a cathode type general purpose amplifier triode designed for use in resistance coupled amplifiers or in super-heterodyne circuits as an oscillator. The high mutual conductance and low output capacitance make the tube especially suited for high frequency oscillator service. The 12J5GT is a glass tube equipped with a small octal base. The electrical characteristics of this type are identical to those of type 6J5GT except for heater requirements.

Physical Characteristics:Bottom ViewRATING AND CHARACTERISTICS**Heater:**

Voltage	12.6	Volts AC or DC
Current	.150	Ampere

Note: Voltage between heater and cathode should be kept at a minimum if direct connection is not possible.

Operating Conditions: (Class A Amplifier)

Plate Voltage	250	Volts	Max.
Grid Voltage	-8	Volts	
Plate Current	9.0	Milliamperes	
Plate Resistance	7700	Ohms	Approx.
Mutual Conductance	8600	Micromhos	Approx.
Amplification Factor	20		

Direct Interelectrode Capacitances:

Grid to Plate	3.4	μ f.
Input	3.8	μ f.
Output	3.3	μ f.

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Note: For characteristic curves refer to type 6J5G.

Refer to "Interpretation of Receiving Tube Ratings"