

TYPE 6K5GT

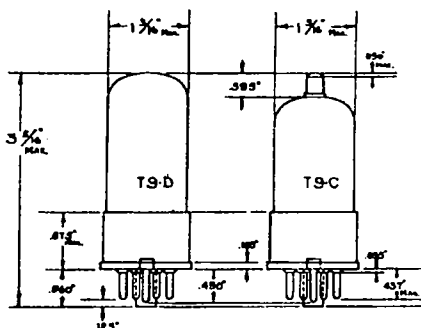
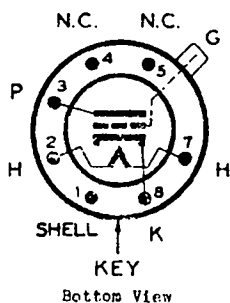


HYTRON BANTAM

GENERAL DESCRIPTION

Application: The Hytron 6K5GT is a cathode type high mu triode designed for use in high gain resistance coupled circuits. This tube has a lower amplification factor than previous similarly designed triodes thus enabling the use of a large signal input both under 250 volt and 100 volt operating conditions. The value of grid bias can be less critical than with a tube having a higher amplification factor. The 6K5GT is a glass tube equipped with a small octal base and has characteristics similar to the triode section of the Hytron 6Q7GT.

Physical Characteristics: Bulb T-9C



RATING AND CHARACTERISTICS

Heater:

Voltage 6.3 Volts AC or DC
Current 0.3 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	100	250 Max. Volts
Grid Voltage*	-1.5	-3 Volts
Plate Current*	0.35	1.1 Milliamperes
Plate Resistance	78,000	50,000 Ohms Approx.
Mutual Conductance	900	1,400 Micromhos Approx.
Amplification Factor	70	70

*These are rating values only and not operating points with coupling resistors.

Direct Interelectrode Capacitances:

Grid to Plate	2.0	μf.
Input	2.4	μf.
Output	3.6	μf.