

# TYPE 6R7GT



RMA Release # 190

HYTRON BANTAM

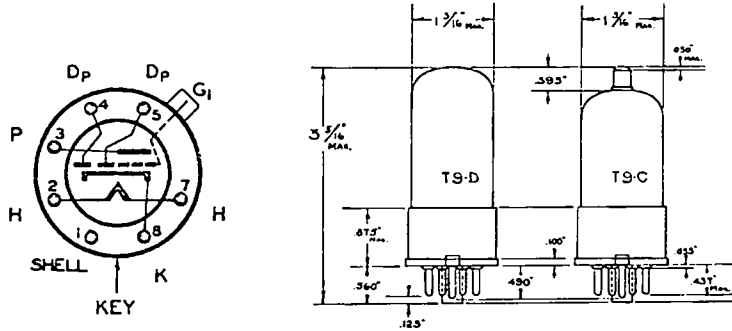
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## GENERAL DESCRIPTION

**Application:** The Hytron 6R7GT is a cathode type duplex tube consisting of a medium mu triode and two diodes in a single glass envelope. The combined functions of detection, automatic volume control, and audio amplification can be performed by this tube in properly designed receiver circuits.

The 6R7GT is a glass tube equipped with a small octal base and may be used interchangeably with the Hytron 6R7G glass tube.

**Physical Characteristics:** Bulb T-9C



Bottom View

## 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.

## CLASS A AMPLIFIER OPERATION

Plate Voltage	250 Max.	Volts
Grid Voltage	-9	Volts
Plate Current	9.5	Milliamperes
Plate Resistance	8500	Ohms
Mutual Conductance	1900	Micromhos
Amplification Factor	16	

**Note:** For operation of diode units refer to the type 85.