



7K7

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TWIN DIODE—HIGH-MU TRIODEGENERAL DATA**Electrical:**

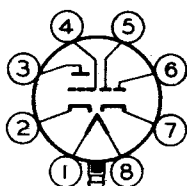
Heater, for Unipotential Cathodes:

Voltage. 6.3[□] ac or dc volts
 Current. 0.3^{□□} amp

Mechanical:

Mounting Position. Any
 Maximum Overall Length 2-25/32"
 Maximum Seated Length. 2-1/4"
 Maximum Diameter 1-3/16"
 Bulb T-9
 Base Lock-in 8-Pin
 Basing Designation for BOTTOM VIEW 8BF

Pin 1—Heater
 Pin 2—Triode
 Cathode
 Pin 3—Triode Plate
 Pin 4—Triode Grid
 Pin 5—Diode-No.2
 Plate



Pin 6—Diode-No.1
 Plate
 Pin 7—Cathode of
 Diode-No.1 &
 Diode-No.2
 Pin 8—Heater
 Plug - Base Shell

TRIODE UNIT
AMPLIFIER—Class A₁

Maximum Ratings, Design-Center Values:

PLATE VOLTAGE. 250 max. volts

Typical Operation and Characteristics:

Plate Voltage. 250 volts
 Grid Voltage -2 volts
 Amplification Factor 70
 Plate Resistance 44000 ohms
 Transconductance 1600 μ hos
 Plate Current. 2.3 ma

DIODE UNITS - Two

The two diode units have a common cathode and are independent of the triode unit. Further consideration of the diode units including diode curves is given at the front of this Section.

□ Nominal voltage = 7.0 volts

□□ Nominal current = 0.32 amperes.

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TUBE DEPARTMENT

DATA

RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY