



ELECTRONIC TUBE REFERENCE

6R8

Voltage - Triode (with diode, heptode or hexode) electronic tube

CONSOLIDATED TECHNICAL DATA

4 SECTIONS

CONSTRUCTION

**DIODE-DIODE-DIODE-
TRIODE**

Triple-diode medium-mu triode combining several detector or discriminator functions with a relatively low-resistance amplifier. Three diode sections provide multiple rectification paths while the triode favors current drive.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	6.3 V / 450 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Dissimilar

SECTION RATINGS

SECTION1 Triode

PLATE RESISTANCE	8400 Ω
TRANSCONDUCTANCE	0.0019 S

SECTION2 Diode

No fixed ratings recorded.

SECTION3 Diode

No fixed ratings recorded.

SECTION4 Diode

No fixed ratings recorded.

The 6R8 is A TRIPLE-DIODE LOW-MU TRIODE USING THE 9 PIN MINIATURE CONSTRUCTION. IT IS DESIGNED FOR SERVICE AS A COMBINED AM/FM DETECTOR AND AF AMPLIFIER.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1961 Tung Sol

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1961 TUNG SOL

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	6.3 V	—
Heater current	450 mA	—
Plate voltage	250 V	Typical operating conditions
Plate current	9.5 mA	Typical operating conditions

1961 TUNG SOL

Section 2 · Diode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	6.3 V	—
Heater current	450 mA	—
Plate voltage	250 V	Typical operating conditions
Plate current	9.5 mA	Typical operating conditions

1961 TUNG SOL

Section 3 · Diode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	6.3 V	—
Heater current	450 mA	—
Plate voltage	250 V	Typical operating conditions
Plate current	9.5 mA	Typical operating conditions

1961 TUNG SOL

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	6.3 V	—
Heater current	450 mA	—
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