



ELECTRONIC TUBE REFERENCE

6V8

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

CONSOLIDATED TECHNICAL DATA

4 SECTIONS

CONSTRUCTION

**DIODE-DIODE-TRIODE-
TRIODE**

Miniature triple-diode high-mu triode combining multiple detector or control-voltage rectifier sections with a voltage-amplifier triode for receiver signal processing.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
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 Diode

No fixed ratings recorded.

Representative row for identical repeated sections.

SECTION2 Triode

PLATE RESISTANCE	48000 Ω
TRANSCONDUCTANCE	0.0012 S
AMPLIFICATION FACTOR	70
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	1 W

SECTION3 Diode

No fixed ratings recorded.

Second physical diode section; added to align rows with SectionCount.

SECTION4 Triode

PLATE RESISTANCE	48000 Ω
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TRANSCONDUCTANCE	0.0012 S
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AMPLIFICATION FACTOR	70
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MAXIMUM PLATE VOLTAGE	300 V
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MAXIMUM PLATE DISSIPATION	1 W
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Second physical triode section; added to align rows with SectionCount.

Triple-diode high-mu triode miniature tube.