



ELECTRONIC TUBE REFERENCE

6B32

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

DIODE-DIODE

Twin rectifier with separate cathodes for half-wave or full-wave rectification. Rated for approximately 420 V peak inverse voltage, 9 mA DC current, and 54 mA peak current from a 6.3 V heater.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	7
NOMINAL HEATER	6.3 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Diode	
MAXIMUM PLATE DISSIPATION	0.25 W
PEAK INVERSE VOLTAGE	420 V
NOMINAL OUTPUT CURRENT	9 mA
PEAK FORWARD CURRENT	54 mA
Two identical diode systems; representative row. Peak inverse voltage is 420 V; total anode dissipation is 0.5 W for both systems.	

SECTION2 Diode	
PEAK INVERSE VOLTAGE	420 V
NOMINAL OUTPUT CURRENT	9 mA
PEAK FORWARD CURRENT	54 mA

Twin rectifier with separate cathodes for half-wave or full-wave rectification.



SOURCE OPERATING CONDITIONS

195X Tesla

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

195X TESLA

Section 1 · Diode

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Interelectrode capacitances	Published	See source sheet for electrode-specific capacitance values



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1969 Tesla Manual of Electronic Tubes

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

1969 TESLA MANUAL OF ELECTRONIC TUBES

Section 1 · Diode

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
AC Input Voltage	150 V	HalfWave

TUBE TINKER

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and their source documents.

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