



ELECTRONIC TUBE REFERENCE

5679

Diode (NOT rectifier) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

DIODE-DIODE

Cathode-type twin diode for detector, discriminator, clipping, and general signal rectification, providing two compact thermionic rectifiers in one envelope.

GENERAL CHARACTERISTICS

BASE DESIGNATION	7CX	BASE PINS	7
NOMINAL HEATER	6.3 V / 150 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Diode	
NOMINAL OUTPUT CURRENT	8 mA
PEAK FORWARD CURRENT	45 mA
FORWARD VOLTAGE DROP	11 V
Two electrically identical diode sections; one representative section emitted.	

SECTION2 Diode	
No fixed ratings recorded.	
Published ratings and characteristics promoted from supplied Sylvania source.	

Cathode-type duo-diode with center-tapped heater.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1950 Sylvania

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

1950 SYLVANIA

Section 1 · Diode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterOrFilamentVoltage	7 V	—
HeaterOrFilamentCurrent	150 mA	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X General Electric Essential Characteristics

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

195X GENERAL ELECTRIC ESSENTIAL CHARACTERISTICS

Section 1 · Diode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum DC Output Current Per Plate	8 mA	HalfWave;EachSection
Maximum RMS Supply Voltage Per Plate	150 V	HalfWave;EachSection
Maximum Peak Current Per Plate	45 mA	HalfWave;EachSection

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Forward Voltage Drop	11 V	HalfWave;EachSection

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Forward Voltage Drop Test Current	16 mA	HalfWave;EachSection

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes, and their source documents.

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