



ELECTRONIC TUBE REFERENCE

201C

Diode (NOT rectifier) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

DIODE

Small low-capacitance high-vacuum diode designed for detector, switching, and special high-frequency instrument applications, with operation extending into UHF.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	5 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Diode	
PLATE RESISTANCE	8000 Ω
MAXIMUM PLATE DISSIPATION	0.1 W
PEAK INVERSE VOLTAGE	1000 V
NOMINAL OUTPUT CURRENT	1 mA
WARM-UP TIME	60 s
Plate resistance promoted from published minimum value at $E_p=12$ V; maximum published value retained as parameter.	

The Eimac 201C is a small closely spaced low-capacitance high-vacuum diode with a 1000-volt peak-inverse-voltage rating for detector, switching, and special high-frequency applications.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1962 Eimac

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

1962 EIMAC

Section 1 · Diode

CAPACITANCE

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Direct Interelectrode Capacitance	0.7 pF	—

CHARACTERISTIC

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heating Time Minimum	30 s	—
Heating Time Nominal	60 s	—
Zero Signal Voltage Minimum	0.6 V	110 Megohm load
Zero Signal Voltage Maximum	1.4 V	110 Megohm load
Resonant Frequency	2800 MHz	—
Plate Resistance Maximum	24000 ohm	Ep=12 V

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Current Maximum	390 mA	—

TUBE TINKER

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and their source documents.

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