



ELECTRONIC TUBE REFERENCE

1294

Voltage - Radio Detector Converter electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

DIODE

Low-voltage diode for signal detection and high-frequency rectification in battery-powered equipment. Its unusually high resonant frequency supports detector use well into UHF while retaining very modest current requirements.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	1.4 V / 150 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Diode	
MAXIMUM CATHODE CURRENT	1 mA
<i>Published values promoted where applicable; sparse source sheets remain sparse rather than inferred.</i>	

1294 is explicitly printed with 1R4 as type 1R4/1294 on the RMA source.



SOURCE OPERATING CONDITIONS

1950 Sylvania

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

1950 SYLVANIA

Section 1 · Diode

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum AC Plate Voltage	117 V	—
Maximum DC Output Current	1 mA	—

CHARACTERISTIC

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Tube Voltage Drop	8 V	At 2 mA
Resonant Frequency	1500 MHz	—

TUBE TINKER

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and their source documents.

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