

ELECTRONIC TUBE REFERENCE

CK579

Diode (NOT rectifier) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Subminiature directly heated high-voltage half-wave rectifier designed for metascope power supplies.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	3
NOMINAL HEATER	2.5 V / 180 mA	PARALLEL HEATER	1.25 V / 360 mA
HEATING	Direct	SERIES OPERATION	Capable
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
PEAK INVERSE VOLTAGE	15000 V
NOMINAL OUTPUT CURRENT	0.55 mA
PEAK FORWARD CURRENT	4 mA
Published electrical limits and characteristics promoted from the approved source; identical repeated sections compressed where applicable.	

Subminiature directly heated high-voltage half-wave rectifier for metascope power supplies.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1938 Raytheon

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

1938 RAYTHEON

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterVoltageNominal	2.5 V	Nominal
HeaterCurrentNominal	180 mA	Nominal
Maximum Peak Inverse Voltage	15000 V	—
Rectified Output Current	0.55 mA	—
PeakForwardCurrent	4 mA	—
PlateSupplyVoltageRMS	6000 V	Half-wave rectifier
DC Output Voltage	6000 V	500 uA load

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Forward Voltage Drop	50 V	At 500 uA

TUBE TINKER

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and their source documents.

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