



ELECTRONIC TUBE REFERENCE

2Y2

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

High-voltage half-wave vacuum rectifier for cathode-ray oscillograph and television circuits requiring high voltage at low current, with approximately 12 kV inverse-voltage capability.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	2.5 V / 1.75 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
PEAK INVERSE VOLTAGE	12000 V
NOMINAL OUTPUT CURRENT	5 mA
<i>Published section data promoted where applicable; additional operating values retained as parameters.</i>	

Half-wave high-vacuum rectifier for cathode-ray oscillograph and television circuits where high voltage and low current are required.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1939 Arcturus

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

1939 ARCTURUS

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
AC plate voltage RMS	4400 V	—
Peak inverse voltage	12000 V	—
DC output current	5 mA	—