



ELECTRONIC TUBE REFERENCE

DY30

Rectifier - TV Line Scan Boost electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Directly heated high-vacuum half-wave rectifier for very-high-voltage, very-low-current supplies. Its low-power filament and roughly 30 kV inverse-voltage capability suit specialized electronic equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	Octal	BASE PINS	—
NOMINAL HEATER	1.25 V / 200 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
PEAK INVERSE VOLTAGE	30000 V
NOMINAL OUTPUT CURRENT	2 mA
PEAK FORWARD CURRENT	17 mA
<i>Published electrical data extracted from supplied datasheet.</i>	

Directly heated high-vacuum half-wave rectifier rated for very high inverse voltage.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1999 Philips 0-D

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

1999 PHILIPS 0-D

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum frequency	300 kc/s	—