



ELECTRONIC TUBE REFERENCE

D1

Diode (NOT rectifier) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

DIODE

Indirectly heated television diode intended primarily for half-wave vision-signal detection, providing low-level signal rectification rather than power-supply service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	3
NOMINAL HEATER	4 V / 200 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Diode	
PEAK INVERSE VOLTAGE	500 V
PEAK FORWARD CURRENT	50 mA
<i>Published electrical ratings and operating data captured in promoted fields where directly applicable and additional parameter rows.</i>	

Single indirectly heated television diode intended primarily for half-wave vision-signal detector circuits.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1960 Mazda

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

1960 MAZDA

Section 1 · Diode

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode-heater capacitance	0.45 pF	—
Heater-cathode capacitance	2.4 pF	—



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 · Diode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Gloeispanning Ve	3.5 v	Published datasheet specification
Gloeistroom if	0.5 a	Published datasheet specification
Anodespanning v,	20	Published datasheet specification
Gloeispanning. . . . ¥y	3.5 v	Published datasheet specification
Gloeistroom 4 . lf	0.5 a	Published datasheet specification
Anodespannnng . . . ¥,	20	Published datasheet specification
Verzadigingsstroom . i,	3	Published datasheet specification
Published specification	235	Published datasheet specification
Grootste diameter	30 mm	Published datasheet specification
Lengte.....l	70	Published datasheet specification