

ELECTRONIC TUBE REFERENCE

D2F

Voltage Pentode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

Pentode designed for ultra-short-wave radio-frequency amplification in receiving equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	1.4 V / 240 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Pentode	
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	2.5 W
Primary physical section.	

Pentode vacuum tube documented for ultra-short-wave applications, with heater, operating-characteristic, and limiting-rating data extracted from the supplied datasheet.

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 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	1.4 V	Nominal
Heater current	240 mA	Nominal

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Chauffage direct, pax courant de batterie, Vf	1 V	Published datasheet value
alimentation en parallele If	0 mA	Published datasheet value
A. Daten zur Verwendung a1	8 S	Published datasheet value
Montage penthode,	2 s	Published datasheet value
Pentode connection,	2 s	Published datasheet value
Va	250 V	Published datasheet value
Vgl (ca.; any.; approx	-22 V	Published datasheet value
Vgl	250 V	Published datasheet value
Iä	31 mA	Published datasheet value
Igl	1 mA	Published datasheet value
Ig2 (ea.; env.; approx	6 mA	Published datasheet value
Vgl9 (ca.; env.; approx	2 V	Published datasheet value
gl	0.015 W	Published datasheet value
Wi	4 W	Published datasheet value
Wo	6 W	Published datasheet value
Wg2	1.5 W	Published datasheet value
Montage penthode,	2 s	Published datasheet value
Pentode connection,	2 s	Published datasheet value

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Va	250 V	Published datasheet value
Vg1 (ca.; env.; approx	-22 V	Published datasheet value
Vg2	8 V	Published datasheet value
Ia3	1 mA	Published datasheet value
Vg2p (ca.; env.; approx	9 V	Published datasheet value
Whr pa.; env.; approx	0.026 W	Published datasheet value
Wlf	1 W	Published datasheet value
Wa	5 W	Published datasheet value
Wo	6 W	Published datasheet value
Wg2	0.78 W	Published datasheet value