



ELECTRONIC TUBE REFERENCE

D1C

Voltage - Triode (single high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

High-frequency triode for grounded-grid amplification, low-noise amplification, oscillation, or frequency multiplication in VHF/UHF equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	1.25 V / 50 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	24000 Ω
AMPLIFICATION FACTOR	16
MAXIMUM CATHODE CURRENT	4 mA
<i>Philips Miniwatt D1C directly heated ultra-short-wave button triode. Typical conditions: anode 135 V, grid -5 V, anode current 2 mA, internal resistance 24 kΩ, amplification factor 16. Maximum cathode current 4 mA. The published 135 V plate figure is a limiting rating; characteristic values are typical.</i>	

Triode 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 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	1.25 V	Nominal
Heater current	50 mA	Nominal

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
~ Chauffage dir, per batterie, alimentation Ti I`	25 V	Published datasheet value
en parallele If	50 mA	Published datasheet value
Va	135 V	Published datasheet value
Ia	2 a	Published datasheet value
Vs max,	135 V	Published datasheet value
Is max	500 mA	Published datasheet value
Ik max,	4 mA	Published datasheet value
Vg (Ig	300 mA	Published datasheet value

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes, and their source documents.

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker