



ELECTRONIC TUBE REFERENCE

D2C

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 / 100 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	10000 Ω
TRANSCONDUCTANCE	0.0012 S
AMPLIFICATION FACTOR	12
MAXIMUM PLATE VOLTAGE	135 V
MAXIMUM PLATE DISSIPATION	0.6 W
MAXIMUM CATHODE CURRENT	8 mA
<i>Philips Miniwatt D2C directly heated ultra-short-wave button triode. Typical conditions: anode voltage 135 V, grid -7.5 V, anode current 3 mA, transconductance 1.2 mA/V, internal resistance 10 kΩ and amplification factor 12. Limiting values include maximum plate voltage 135 V, plate dissipation 0.6 W and cathode current 8 mA.</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	100 mA	Nominal

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Tgpe	4 a	Published datasheet value
Chauffage dir, par batterie, alimenta- vf	1.25 V	Published datasheet value
tion en parallele If	100 mA	Published datasheet value
Vg	-7.5 V	Published datasheet value
Ia	3 mA	Published datasheet value
Va max	135 V	Published datasheet value
Ik max	8 mA	Published datasheet value
Vg (lg =	300 mA	Published datasheet value
Elektrodenanordnung,	800 a	Published datasheet value