



ELECTRONIC TUBE REFERENCE

D10161GH

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

CATHODERAY

Philips instrument cathode-ray tube for oscilloscope or precision display service, using electrostatic beam control and manufacturer-specified focusing, acceleration, capacitance, screen, and deflection characteristics.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION 1 Cathode Ray

No fixed ratings recorded.

Published electrical ratings and operating data captured in promoted fields where directly applicable and additional parameter rows.

Philips cathode-ray tube intended for oscilloscope or instrument-display service. The datasheet specifies screen, heating, electrostatic deflection, accelerator/focusing voltages, capacitances, operating characteristics, and limiting values as applicable.

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 · Cathode Ray

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Published specification	0 cm	Published datasheet specification
Accelerator voltage Vg	4	Published datasheet specification
Display area	0	Published datasheet specification
horizontal My	2 v	Published datasheet specification
vertical My	3.7 V	Published datasheet specification
Heater current I _g	5 mA	Published datasheet specification
positive V +k/f- max	0 v	Published datasheet specification
negative V -k/f+ max	5 V	Published datasheet specification
Cathode to all other elements C _k	3 pF	Published datasheet specification

TUBE TINKER

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