

ELECTRONIC TUBE REFERENCE

D14363GY123

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
CATHODERAY

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

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 100 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Cathode Ray	
MAXIMUM PLATE VOLTAGE	2200 V
Primary physical section.	

Instrument or monochrome display cathode-ray tube for oscilloscope, monitor, or display applications.



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
Heater voltage	6.3 V	Nominal
Heater current	100 mA	Nominal

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Accelerator voltage V_{g2} ,	94 V	Published datasheet value
Minimum useful scan area	100 mm	Published datasheet value
horizontal M_y	19 V/em	Published datasheet value
vertical M_y	11.5 V/cm	Published datasheet value
The D1	4 s	Published datasheet value
Heater voltage V_s	63 V	Published datasheet value
Heater current I_f	100 mA	Published datasheet value
the cathode current at equilibrium conditions approx	7 s	Published datasheet value



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

2004 PDS CRT Heerlen

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

2004 PDS CRT HEERLEN

Section 1 · Cathode Ray

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	6.3 V	—
Heater current	100 mA	—
Maximum anode/final accelerator voltage	2200 V	—
First accelerator voltage	2 kV	—