ELECTRONIC TUBE REFERENCE

DB73

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
CATHODERAY

Philips electrostatically focused, double-electrostatically deflected cathode-ray instrument tube with a persistent blue screen, operating around an 800 V second-anode supply for waveform display.

General characteristics

BASE DESIGNATION	_	**BASE PINS**	_
NOMINAL HEATER	6.3 V / 400 mA	**PARALLEL HEATER**	_ / _
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Cathode Ray

MAXIMUM PLATE VOLTAGE	1000 V

Electrostatic focusing/deflection CRT section; electrical/screen/deflection data retained in parameter rows.

Oscillography cathode-ray tube with electrostatic focusing and double electrostatic deflection; blue, persistent.

SOURCE OPERATING CONDITIONS

1957 Philips Receiving and Amplifying Tubes

SOURCE PDF

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

1957 PHILIPS RECEIVING AND AMPLIFYING TUBES

Section 1 · Cathode Ray

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Maximum Plate Voltage	**800 V**	—
Anode 2 Voltage	**800 V**	—
Anode 1 Voltage Minimum	**200 V**	—
Anode 1 Voltage Maximum	**300 V**	—

CHARACTERISTIC		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Focusing Method	**Electrostatic**	—
Deflection Method	**Double electrostatic**	—
Screen Variant	**blue, persistent**	—

SOURCE DATA APPENDIX

SOURCE OPERATING CONDITIONS

1999 Philips 0-D

SOURCE PDF

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

CHARACTERISTIC		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Chauffage: indirect par C.A. ou C.C. Ve	**6.3 V**	Published datasheet condition

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heizung: indirekt durch Wechsel~ If	**400 mA**	Published datasheet condition
Capac.:‘gtznces Cg	**9 pF**	Published datasheet condition
Published value	**4.4 pF**	Published datasheet condition
cp2	**5 pF**	Published datasheet condition
cp2!	**5.4 PF**	Published datasheet condition
CDiD1!	**46 PF**	Published datasheet condition
CD2D2*	**0.6 pF**	Published datasheet condition
ine width . Va2	**800 V**	Published datasheet condition
Va2	**800 V**	Published datasheet condition
vail = 200	**300 V**	Published datasheet condition
~Vg = 0=~	**507 V**	Published datasheet condition
N ="	**10.26 mm**	Published datasheet condition
N2	**0.16 mm**	Published datasheet condition
vez = 28T "	**800 v**	Published datasheet condition
77 measured on & circle of	**50 mm**	Published datasheet condition
mesuré & un cercle de	**50 mm**	Published datasheet condition
gemessen zn einem Kreis von	**50 mm**	Published datasheet condition
Published value	**1 A**	Published datasheet condition
Published value	**40 V**	Published datasheet condition
1C.1C	**1949 A**	Published datasheet condition
Published value	**3 A**	Published datasheet condition

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Vail	**400 V**	Published datasheet condition
Vg	**100 V**	Published datasheet condition
VD1D1'p	**450 V**	Published datasheet condition
VD2D2'p= max. T	**50 V**	Published datasheet condition

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

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