

ELECTRONIC TUBE REFERENCE

MW3622

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
CATHODERAY

Direct-view monochrome television picture tube with magnetic beam scanning and high-voltage operation. Manufacturer documentation identifies it for television receiver service and provides the applicable screen, focusing, and deflection construction.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	9.5 V / —	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Cathode Ray
No fixed ratings recorded.
Published section data; additional ratings and characteristics are in TUBE_SECTION_PARAMETER.

Television or monitor cathode-ray tube for direct-view or projection display service. Published Philips data includes construction, operating ratings, characteristics, and application information where provided.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1999 Philips E-Z

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

1999 PHILIPS E-Z

Section 1 · Cathode Ray

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Capacitance	6	Capacitances Cg = 6 pP

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	9.5 V	the heater voltage must not exceed 9,5 V when the
Heater voltage	9.5	wird, darf die Heizspannung beim Einschalten 9,5
Deflection	0.3	Deflection 0.3 x ¥ x HxcL
Deflection	0.3	Ablenkun 0,3 xPxH xel
Focusing	320	for focusing is about 320 Vvag(kvg

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Deflection	65	The deflection angle is max. 65°.
Deflection	70	The diagonal deflection angle is max. 70°%.
Deflection	5	Der Ablenkungswinkel ist max. €5°.
Deflection	700	Der Diagonalablenkungswinkel ist max. 700.

TUBE TINKER

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