



ELECTRONIC TUBE REFERENCE

23HFP4A

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

CATHODERAY

Large aluminized P4 monochrome television picture tube for high-voltage direct-view service, using electrostatic focusing and magnetic deflection with manufacturer-specified operating characteristics for type 23HFP4A.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 20 A	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.

CRT-specific ratings, operating conditions, capacitances, focus/deflection, cutoff, optical, and screen data are retained in section parameters.

Direct-view cathode-ray picture tube for television display service, using electrostatic focus and magnetic deflection. The supplied datasheet was used for heater data, electrode ratings, focus and deflection information, capacitances, optical data, screen characteristics, and applicable operating limits.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

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

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Section 1 · Cathode Ray

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
LOW-VOLTAGE ELECTROSTATIC FOCUS	10 V	Published CRT datasheet value; multiple numbers on one source row represent separate limits or operating conditions.
Heater current at 6.3 volts – published value 1	6.3 V	Published CRT datasheet value; multiple numbers on one source row represent separate limits or operating conditions.
Heater current at 6.3 volts – published value 2	450 V	Published CRT datasheet value; multiple numbers on one source row represent separate limits or operating conditions.
Heater current at 6.3 volts – published value 3	20 V	Published CRT datasheet value; multiple numbers on one source row represent separate limits or operating conditions.

TUBE TINKER

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