

ELECTRONIC TUBE REFERENCE

A51190X

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
CATHODERAY

51 cm-class monochrome television picture tube documented for direct-view television service, using high-voltage CRT operation and manufacturer-specified magnetic deflection and focusing.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 750 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Cathode Ray
No fixed ratings recorded.
Applicable promoted fields mapped semantically from the printed ratings; device-specific electrical limits and operating conditions are preserved densely in TUBE_SECTION_PARAMETER.

51 cm color picture tube with three electron guns and shadow-mask color screen.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1962 ITT

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

1962 ITT

Section 1 · Cathode Ray

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	6.3 V	—
Heater Current	750 mA	—
Anode Voltage	25000 V	—
Heater Voltage Tolerance	10 percent	—
Cathode Current Ratio White Maximum	1.5 ratio	—
Raster Displacement Maximum	0.35 mm	—

TUBE TINKER

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

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