



ELECTRONIC TUBE REFERENCE

12QR50

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

High-writing-speed electrostatic cathode-ray oscilloscope tube with a green screen and low deflection-plate capacitance. Typical accelerating voltage is about 4 kV, and the useful screen diameter is approximately 100 mm.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 700 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Cathode Ray	
MAXIMUM PLATE VOLTAGE	2200 V
<i>Cathode-ray electron-gun/deflection system; accelerating and deflection data published.</i>	

High-writing-speed electrostatic cathode-ray oscilloscope tube with green screen and low deflection-plate capacitance.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X Tesla

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

195X TESLA

Section 1 · Cathode Ray

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
AcceleratingVoltage	4000 V	—

CHARACTERISTIC

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
UsefulScreenDiameter	100 mm	—

TUBE TINKER

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and their source documents.

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