

ELECTRONIC TUBE REFERENCE

4AP10

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
CATHODERAY

Four-inch skiatron cathode-ray tube with magnetic focusing and deflection for projected dark-trace display systems. Unlike ordinary fluorescent CRTs, it forms a dark trace for optical projection onto a larger viewing surface.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 600 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Cathode Ray	
MAXIMUM PLATE VOLTAGE	9900 V
Published maximum ratings and electrical characteristics promoted from the approved source.	

Four-inch skiatrons cathode-ray tube with magnetic focus and deflection for projected dark-trace display systems.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1940 RCA

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

1940 RCA

Section 1 · Cathode Ray

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterVoltageNominal	6.3 V	Nominal
HeaterCurrentNominal	600 mA	Nominal
Maximum Plate Voltage	9900 V	—
AcceleratingGridVoltageMaximum	500 V	Grid No.2
HeaterCathodeVoltageMaximum	125 V	—
Typical Anode Voltage	9000 V	—

TUBE TINKER

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and their source documents.

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