



ELECTRONIC TUBE REFERENCE

9JP1

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

Nine-inch high-vacuum instrument CRT with electrostatic focusing, combined electrostatic and magnetic deflection, and a P1 green medium-persistence screen for precision direct-view waveform or indicator display.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	2.5 V / 2.1 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Cathode Ray	
MAXIMUM PLATE VOLTAGE	5000 V
<i>Published ratings and characteristics promoted where clearly applicable; additional published values retained as section parameters.</i>	

Nine-inch high-vacuum cathode-ray tube with electrostatic focus and combined electrostatic/magnetic deflection, using a medium-persistence P1 screen.

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

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater or filament voltage	2.5 V	Published nominal value
Heater or filament current	2.1 A	Published nominal value
Focusing method	Electrostatic	Published
Deflection method	Electrostatic and magnetic	Published
Phosphor	P1	Medium-persistence green screen

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode No.2 maximum voltage	5000 V	High-voltage electrode
Anode No.1 maximum voltage	2000 V	Focusing electrode
Peak voltage between anode No.2 and either deflecting electrode	3000 V	Published

TUBE TINKER

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