

ELECTRONIC TUBE REFERENCE

12AXP1

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

High-voltage cathode-ray display tube with multiple accelerating anodes, typically operating its third anode at 10 kV and rated for 6 W anode input.

GENERAL CHARACTERISTICS

BASE DESIGNATION	14J	BASE PINS	12
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	12000 V
Values promoted from the supplied Sylvania source where explicitly published.	

Twelve-inch direct-view oscilloscope CRT with electrostatic focus/deflection, post-deflection acceleration, gray-filter faceplate, and aluminized screen.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1950 Sylvania

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

1950 SYLVANIA

Section 1 · Cathode Ray

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode3Voltage	12000 V	—
Anode2Voltage	6000 V	—
Anode1Voltage	2500 V	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1965 Sylvania Electronic Tubes Vol3

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

1965 SYLVANIA ELECTRONIC TUBES VOL3

Section 1 · Cathode Ray

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	6.3 V	—
Heater current	600 mA	—
Anode input maximum	6 W	—
Anode No. 2 voltage maximum	6000 V	—
Anode No. 1 voltage maximum	2500 V	—
Anode No. 3 voltage	10000 V	—
Grid No. 1 cutoff voltage	-60 to -100 V	—
Heater-cathode peak voltage	200 V	—

TUBE TINKER

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and their source documents.

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