

ELECTRONIC TUBE REFERENCE

5AJP1

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

Five-inch cathode-ray instrument display tube documented by manufacturer data for type 5AJP1, intended for waveform or measurement presentation with purpose-specific phosphor and beam-control characteristics.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	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	10000 V
MAXIMUM SCREEN VOLTAGE	2500 V
MAXIMUM HEATER-CATHODE VOLTAGE	125 V
Published applicable promoted ratings populated; remaining device-specific values retained as parameters.	

Electrostatic-deflection and focus oscillographic CRT with post-deflection accelerator; P1 phosphor.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1955 Vacuum Tube Products

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

1955 VACUUM TUBE PRODUCTS

Section 1 · Cathode Ray

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode 2 Voltage Maximum	2500 V	—
Anode 1 Focusing Voltage Maximum	1500 V	—
Typical Anode 3 Voltage	6000 V	—
Typical Anode 2 Voltage	750 V	—
Anode 1 Voltage Range	400–900 V	—
Grid 1 Voltage Range	-60--30 V	—
Deflecting Electrode Circuit Resistance Maximum	3 Mohm	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Deflection Sensitivity	230 V/in	—

TUBE TINKER

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