



ELECTRONIC TUBE REFERENCE

3JP1A

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

CATHODERAY

Small electrostatically focused and deflected P1 cathode-ray instrument tube for oscillograph and waveform display, with a 6.3 V heater and phosphor persistence appropriate to the P1 screen.

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

SECTION 1 Cathode Ray*No fixed ratings recorded.**Cathode-ray display/electron-gun section.*

The Du Mont 3JP1A is a tight-tolerance electrostatic CRT similar to the 3JP family with controlled deflection and cutoff tolerances. This variant uses a P1 screen with green fluorescence and medium persistence.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1960 Du Mont

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

1960 DU MONT

Section 1 · Cathode Ray

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	6.3 V	—
Heater Current	600 mA	—
Focusing Method	Electrostatic text	—
Deflection Method	Electrostatic text	—
Phosphor	P1 text	—
Fluorescence	Green text	—
Persistence	Medium text	—
Post-Acceleration	Present text	—

TUBE TINKER

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