

ELECTRONIC TUBE REFERENCE

5ARP1

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

CATHODERAY-CATHODERAY

Five-inch dual-beam oscilloscope CRT with electrostatic focusing and deflection, allowing simultaneous presentation of two independently controlled precision traces for comparative waveform measurement.

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

No fixed ratings recorded.

CRT electron-gun/display section; CRT-specific ratings and operating data are stored as parameters.

SECTION2 Cathode Ray

No fixed ratings recorded.

Second independent beam/gun section; same published electrical system.

Dual-beam electrostatic-focus and electrostatic-deflection cathode-ray tube for simultaneous precision trace presentation.

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
Focusing method	1 code	Electrostatic
Deflection method	1 code	Electrostatic
Deflection factor D1-D2	—	Published range 45 to 55 V/in
Deflection factor D3-D4	—	Published range 31.5 to 38.5 V/in
Minimum useful screen	414 in	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Accelerator voltage maximum	6000 V	—
Accelerator voltage	2500 V	—
Grid No. 1 voltage	—	Published range -56 to -34 V
Grid No. 1 negative bias maximum	200 V	—

1960 DU MONT

Section 2 · Cathode Ray

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Focusing method	1 code	Electrostatic
Deflection method	1 code	Electrostatic
Deflection factor D1-D2	—	Published range 45 to 55 V/in
Deflection factor D3-D4	—	Published range 31.5 to 38.5 V/in
Minimum useful screen	414 in	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Accelerator voltage maximum	6000 V	—
Accelerator voltage	2500 V	—
Grid No. 1 voltage	—	Published range -56 to -34 V
Grid No. 1 negative bias maximum	200 V	—