ELECTRONIC TUBE REFERENCE

5CKP1

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
CATHODERAY

Five-inch high-resolution CRT with magnetic focusing and deflection, designed for flying-spot scanning, precision radar, and photographic applications. Its fine-resolution display system supports demanding image-generation and recording work.

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.

High-resolution magnetic-focus and magnetic-deflection cathode-ray tube for flying-spot scanning, precision radar, and photographic applications.

SOURCE OPERATING CONDITIONS

1960 Du Mont

SOURCE PDF

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**	Magnetic
Deflection method	**1 code**	Magnetic

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Accelerator voltage maximum	**20000 V**	—
Accelerator voltage	**20000 V**	—
Grid No. 1 voltage	**–**	Published range -110 to -35 V
Grid No. 1 negative bias maximum	**200 V**	—
X-ray shielding threshold	**16000 V**	Shielding may be necessary above this accelerator voltage
Grid No. 2 voltage	**1000 V**	—
Focusing coil current	**135 mA**	Approximate

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes, and their source documents.

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