ELECTRONIC TUBE REFERENCE

5XP1

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
CATHODERAY

Five-inch P1 cathode-ray instrument tube for oscillographic and measurement display, with manufacturer-specified electrostatic focusing, deflection, and beam-control characteristics.

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

MAXIMUM PLATE VOLTAGE	25500 V

Published DuMont/RMA/JEDEC ratings and characteristics promoted where applicable; additional display or photomultiplier data retained as parameters.

Five-inch high-sensitivity electrostatic CRT with multistep intensifier for high-voltage, high-writing-rate operation.

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	**Electrostatic**	—
Deflection method	**Electrostatic**	—

APPLICATION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	**Oscillographic / instrumentation display**	—

CONSTRUCTION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Screen phosphor	**P1**	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Post-accelerator voltage maximum	**25500 V**	—

Tube Tinker

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