ELECTRONIC TUBE REFERENCE

5EBP7

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
CATHODERAY

Five-inch P7 cathode-ray instrument tube for oscillograph or measurement display, with manufacturer-specified focusing, deflection, accelerating voltages, and phosphor characteristics for precision waveform presentation.

General characteristics

BASE DESIGNATION	—	**BASE PINS**	—
NOMINAL HEATER	6.3 V / 300 mA	**PARALLEL HEATER**	— / —
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Cathode Ray

MAXIMUM PLATE VOLTAGE	11000 V

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

Compact five-inch radar CRT with low-voltage electrostatic focus, magnetic deflection, and aluminized P7 long-persistence screen.

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	**Magnetic**	—
Persistence	**Long**	—

APPLICATION

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

CONSTRUCTION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Screen phosphor	**P7**	—
Screen construction	**Aluminized**	—
Minimum useful screen diameter	**4.25 in**	—

Tube Tinker

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