

ELECTRONIC TUBE REFERENCE

7BP7

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
CATHODERAY

Seven-inch magnetic-focus and magnetic-deflection CRT primarily designed for radar indicators, using a P7 long-persistence phosphor to retain echoes visibly between successive sweeps.

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.
Published Du Mont ratings and characteristics promoted from the supplied source.

Seven-inch magnetic-focus and magnetic-deflection cathode-ray tube primarily designed for radar indicators, using P7 phosphor.



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

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	6.3 V	—
Heater Current	600 mA	—
DeflectionMethod	Magnetic	—
FocusingMethod	Magnetic	—
Deflection Angle	53 degree	—
MinimumUsefulScreenDiameter	6 in	—
Phosphor	P7	Radar

TUBE TINKER

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and their source documents.

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