

ELECTRONIC TUBE REFERENCE

7BP1

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

Seven-inch cathode-ray display tube with magnetic focusing, magnetic deflection, P1 phosphor, and approximately 55-degree maximum deflection. General Electric documentation supports general instrument-display service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	— / 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.
Promoted fields mapped by printed headings; additional data retained in parameters.

7-inch magnetic-focus and magnetic-deflection cathode-ray tube with P1 phosphor and a 55-degree maximum deflection angle.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 General Electric Co

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1968 GENERAL ELECTRIC CO

Section 1 · Cathode Ray

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum scld deflecting Angle	55 deg	Published datasheet line; semantic text-layer recovery
Greatest Diameter of Bulb 7 1/8	1 in	Published datasheet line; semantic text-layer recovery
Yinimum Usable Screen Diameteor	6 in	Published datasheet line; semantic text-layer recovery
Heater Voltegeft	6.3 V	Published datasheet line; semantic text-layer recovery
Heater Current	600 mA	Published datasheet line; semantic text-layer recovery
High Voltege Electrode 4900 7000	7700 V	Published datasheet line; semantic text-layer recovery
Voltege 250 250	750 V	Published datasheet line; semantic text-layer recovery
D-¢ Heater-Cathode Potentiafl	-125 V	Published datasheet line; semantic text-layer recovery

TUBE TINKER

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