

ELECTRONIC TUBE REFERENCE

9GP7

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

CATHODERAY

Nine-inch radar-style cathode-ray display tube with magnetic focusing and deflection, P7 long-persistence phosphor, and approximately 55-degree maximum deflection for retained trace presentation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	5AN	BASE PINS	8
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.
Cathode-ray section; CRT high-voltage and accelerating-electrode ratings preserved in parameters.

The 9GP7 is a magnetic-focus, magnetic-deflection cathode-ray tube with a P7 phosphor and a maximum solid deflecting angle of 55 degrees.



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
HighVoltageElectrodeMax	7700 V	—
Grid2VoltageMax	330 V	—
HighVoltageElectrodeTypicalLow	4000 V	—
HighVoltageElectrodeTypicalHigh	7000 V	—
Heater Voltage a-c	6.3 V	Typical Operatlon Maximum Ratings
Heater Current	600 mA	Typical Operatlon Maximum Ratings
High Voltage Electrode 4000 7000	7700 V	Typical Operatlon Maximum Ratings
Grid No 2 (Acce eratlng Electrode) 250 250	330 V	Typical Operatlon Maximum Ratings
D-c Heater-Cathode Potential #	-125 V	Typical Operatlon Maximum Ratings
Grid Circuit Resistance	1.5 MOhm	Typical Operatlon Maximum Ratings

TUBE TINKER

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and their source documents.

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