

ELECTRONIC TUBE REFERENCE

F8038P7

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

P7 cathode-ray display tube with electrostatic focusing, electromagnetic deflection, and 9-15 kV second-anode operation, providing long-persistence visual display 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
No fixed ratings recorded. Published promoted ratings/characteristics retained where readable; additional values are in TUBE_SECTION_PARAMETER.

High-definition metal-cone CRT with electrostatic focus, electromagnetic deflection, aluminized screen, blue fluorescence and yellow-green long persistence.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1958 Compagnie General

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

1958 COMPAGNIE GENERAL

Section 1 · Cathode Ray

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Focus method	1 code	Electrostatic
Deflection method	1 code	Electromagnetic
Anode-2 voltage minimum	9000 V	—
Anode-2 voltage maximum	15000 V	—
Anode-1 voltage minimum	-550 V	—
Anode-1 voltage maximum	1100 V	—
Anode-2 voltage	12000 V	—
Heater current minimum	540 mA	—
Heater current maximum	660 mA	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Cathode capacitance	5 pF	ToAllOtherElectrodes
Control-grid capacitance	7.8 pF	ToAllOtherElectrodes

TUBE TINKER

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and their source documents.

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