

ELECTRONIC TUBE REFERENCE

4GP1

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
CATHODERAY

Eight-centimeter instrument CRT with electrostatic focusing and deflection, a flat photographic-blue screen, and one stage of post-deflection acceleration. Designed for high-precision instrumentation, it provides a bright, accurately positioned trace.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 500 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Cathode Ray	
MAXIMUM PLATE VOLTAGE	8000 V
Highest published post-deflection/anode supply limit mapped to MaxPlateVoltage; deflection-electrode limits and sensitivities preserved as parameters.	

The 4GP1 is an 8 cm electrostatic-focus and electrostatic-deflection instrument cathode-ray tube with a flat photographic-blue screen and one stage of post-deflection acceleration for high-precision instruments.

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
Typical Post-Deflection Voltage	4000 V	—
Typical Anode-3 Voltage	2000 V	—
Cutoff Grid Voltage	-67 V	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Cathode-to-All Capacitance	8 pF	—
Grid-to-All Capacitance	17 pF	—

TUBE TINKER

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and their source documents.

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