

Large P4 monochrome television picture tube designed for high-voltage direct-view service, using manufacturer-specified focusing, magnetic deflection, and beam-control arrangements for type 23KP4.

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	
MAXIMUM PLATE VOLTAGE	20000 V
Maximum anode voltage mapped to MaxPlateVoltage; CRT grid/focusing limits retained as parameters rather than mis-promoted as ordinary screen-grid data.	

The 23KP4 is a 23-inch electrostatic-focus, magnetic-deflection lightweight glass picture tube with a short overall length, small neck diameter, non-ion-trap gun, aluminized fluorescent screen, and external conductive coating.



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.

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Section 1 · Cathode Ray

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Anode Voltage	20000 V	—
Maximum Grid No. 2 Voltage	700 V	—
Heater Voltage	6.3 V	—
Heater Current	600 mA	—