



ELECTRONIC TUBE REFERENCE

10CP4

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

North American Philips 10CP4 10-inch monochrome television CRT with magnetic focus and deflection, P4 white phosphor and 6.3 V 0.6 A heater.

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	11000 V
MAXIMUM SCREEN VOLTAGE	450 V
<i>North American Philips 10CP4 CRT: maximum beam-collecting anode 11000 V DC, accelerating grid2 450 V DC; control grid1 +2 V DC or -100 V DC maximum; heater-cathode ± 125 V; grid1 circuit resistance max 1.5 MΩ. Typical anode 8000 V, grid2 250 V, visual cutoff grid1 -55 V $\pm 40\%$. Magnetic focusing/deflection 50°, P4 white screen, 6×8 inch picture, external conductive coating. Capacitances typical grid1 7 pF and cathode 5 pF; external coating-to-anode ≤ 500 pF. Recommended anode voltage ≥ 7000 V.</i>	

TUBE TINKER

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