



ELECTRONIC TUBE REFERENCE

17ASP4

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

Electronic Tubes Ltd. 17ASP4 17-inch rectangular monochrome television CRT with magnetic focus and 70-degree deflection, ion trap, white screen and 6.3 V 0.3 A heater.

GENERAL CHARACTERISTICS

BASE DESIGNATION	B12A	BASE PINS	12
NOMINAL HEATER	6.3 V / 300 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Cathode Ray**MAXIMUM PLATE VOLTAGE** 14000 V

17ASP4 CRT: maximum anode2 HV 14000 V; anode1 focusing voltage range 200–410 V (not screen grid), grid minimum -1 V, grid visual-cutoff limit $-0.24 \times V_{a1}$, peak heater-negative-to-cathode max 150 V, grid resistor max 1 M Ω . Typical anode2 12000 V, anode1 250 V, grid drive for peak brightness 30 V, peak cathode current 220 μ A. White screen, magnetic focus and deflection $\sim 70^\circ$, ion trap required. Capacitances grid-to-all 6.5 pF, cathode-to-all 5.5 pF, anode2-to-external coating 1100 pF. Heater switching surge ≤ 8.5 V.

TUBE TINKER

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