



ELECTRONIC TUBE REFERENCE

12WP4

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

Lansdale 12WP4 12-inch monochrome television CRT with magnetic focus and deflection, triode ion-trap gun, gray-tinted P4 white screen and 6.3 V 0.6 A heater.

GENERAL CHARACTERISTICS

BASE DESIGNATION	E9-1	BASE PINS	9
NOMINAL HEATER	6.3 V / 600 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** 12000 V

Lansdale 12WP4 CRT. Maximum anode 12000 V DC, grid1 negative bias -125 V DC, positive bias 0 V, positive peak +2 V. Heater-cathode ± 140 V normally; heater-negative 410 V permitted during warm-up ≤ 15 s. Typical anode 10000 V, grid1 cutoff -27 to -63 V, permanent-magnet focus field 240 gauss, single-field ion trap 95 gauss. Grid1 circuit resistance max 1.5 M Ω . P4 white medium-persistence gray tinted screen, magnetic focus/deflection 55°. Capacitances cathode-to-other 3.22 pF, grid1-to-other 3.19 pF, external coating-to-anode 750–2000 pF. Separate anode bulb contact.

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