



## ELECTRONIC TUBE REFERENCE

## 12XP4

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

**1 SECTION**  
CONSTRUCTION  
**CATHODERAY**

12-inch monochrome television cathode-ray picture tube with magnetic focus, magnetic deflection and ion trap; 6.3 V, 0.3 A heater.

## GENERAL CHARACTERISTICS

|                     |                   |                      |                |
|---------------------|-------------------|----------------------|----------------|
| BASE DESIGNATION    | B12A              | BASE PINS            | 12             |
| NOMINAL HEATER      | 6.3 V / 300 mA    | PARALLEL HEATER      | 6.3 V / 300 mA |
| HEATING             | Indirect          | SERIES OPERATION     | Capable        |
| CATHODE ARRANGEMENT | Separate cathodes | SECTION CONSTRUCTION | Similar        |

## SECTION RATINGS

**SECTION 1** Cathode Ray

|                       |        |
|-----------------------|--------|
| MAXIMUM PLATE VOLTAGE | 9000 V |
|-----------------------|--------|

*CRT second anode (a2) maximum 9 kV; typical 8 kV. First anode (a1) typical 250 V. 6 pF grid-to-all, 5 pF cathode-to-all, approximately 2000 pF second anode-to-external coating. Other limits in source have OCR ambiguity; do not interpret a2 voltage as ordinary amplifier plate rating.*

## TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,  
and their source documents.

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