

ELECTRONIC TUBE REFERENCE

5HP4

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

CATHODERAY

Five-inch P4 cathode-ray instrument tube for oscillographic and measurement display, with manufacturer-specified electrostatic focusing, deflection, and beam-control characteristics.

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                                                                                                        | 2200 V |
| Published ratings and characteristics promoted where clearly applicable; additional published values retained as parameters. |        |

Five-inch high-vacuum cathode-ray tube with electrostatic focus and deflection using a P4 phosphor screen.



## SOURCE OPERATING CONDITIONS

## 1940 RCA

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1940 RCA

## Section 1 · Cathode Ray

| CHARACTERISTICS            |                 |                         |
|----------------------------|-----------------|-------------------------|
| PARAMETER                  | PUBLISHED VALUE | CONDITION / NOTE        |
| Heater or filament voltage | 6.3 V           | Published nominal value |
| Heater or filament current | 600 mA          | Published nominal value |
| Focusing method            | Electrostatic   | Published               |
| Deflection method          | Electrostatic   | Published               |
| Phosphor                   | P4              | Published               |

## TUBE TINKER

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

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