

ELECTRONIC TUBE REFERENCE

7BKP1

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA  
1 SECTION  
CONSTRUCTION  
CATHODERAY

Five-and-a-half-inch square-faced CRT with electrostatic focusing and deflection, post acceleration, low pattern distortion, high sensitivity, and high brightness for precision instrument display.

GENERAL CHARACTERISTICS

|                     |                   |                      |               |
|---------------------|-------------------|----------------------|---------------|
| BASE DESIGNATION    | —                 | BASE PINS            | —             |
| NOMINAL HEATER      | 2 V / —           | PARALLEL HEATER      | — / —         |
| HEATING             | Indirect          | SERIES OPERATION     | Not specified |
| CATHODE ARRANGEMENT | Separate cathodes | SECTION CONSTRUCTION | Similar       |

SECTION RATINGS

|                                                                                     |
|-------------------------------------------------------------------------------------|
| SECTION1 Cathode Ray                                                                |
| No fixed ratings recorded.                                                          |
| Promoted fields mapped by printed headings; additional data retained in parameters. |

5-1/2-inch square-faced cathode-ray tube with electrostatic focus and deflection, post acceleration, low pattern distortion, high sensitivity, and high brightness.



## SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

## 1968 General Electric Co

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

1968 GENERAL ELECTRIC CO

## Section 1 · Cathode Ray

| OTHER                                                                 |                 |                                                        |
|-----------------------------------------------------------------------|-----------------|--------------------------------------------------------|
| PARAMETER                                                             | PUBLISHED VALUE | CONDITION / NOTE                                       |
| Heater Voltage<br>2 00 0 5 0 6 0 0 « 0 0 0 a 0<br>» 0 0 0             | 6.3 V           | Published datasheet line; semantic text-layer recovery |
| Diagonal<br>© L3 0 0 0 6 29/32 + 1/                                   | 16 in           | Published datasheet line; semantic text-layer recovery |
| Width - [ [.] L] 0 [ -] 0 -]<br>E-] [-] [] 0 e a 0 © e e<br>51/2 + 1/ | 16 in           | Published datasheet line; semantic text-layer recovery |
| Height<br>s s 5172 f1/                                                | 16 in           | Published datasheet line; semantic text-layer recovery |
| J1-22 Contact Aligns with<br>3Dh Trace *                              | 10 deg          | Published datasheet line; semantic text-layer recovery |
| D1-D2 Aligns with Pin No. 5<br>and Tube Axis *                        | 10 deg          | Published datasheet line; semantic text-layer recovery |
| Angle Between D3-Di and D1-<br>D2 Traces 90 +                         | 1 deg           | Published datasheet line; semantic text-layer recovery |
| D1-D?2 Trace Aligns with<br>bulb wall t                               | 2 deg           | Published datasheet line; semantic text-layer recovery |

## TUBE TINKER

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

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