

Seven-inch magnetic-focus and magnetic-deflection CRT with a high-resolution gun and long-persistence screen, intended for radar and oscilloscope applications requiring a lingering, sharply defined trace.

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

7-inch magnetic-focus and magnetic-deflection direct-view cathode-ray tube for oscilloscope and radar applications requiring long persistence, with a high-resolution gun.



## 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>e e e i e e e et et et et     | 6.3 V           | Published datasheet line; semantic text-layer recovery |
| Deflection Angle,<br>approximate . . . . .<br>. it e e e  | 53 deg          | Published datasheet line; semantic text-layer recovery |
| Minimum Useful Screen<br>Diameter. . . . .<br>... .. ittt | 6 in            | Published datasheet line; semantic text-layer recovery |
| Neck Length. . . . .<br>e e e                             | 72 in           | Published datasheet line; semantic text-layer recovery |
| Anode Contact Aligns with<br>Pin No. 5==                  | 10 deg          | Published datasheet line; semantic text-layer recovery |
| Anode VoltageS                                            | 7000 V          | Published datasheet line; semantic text-layer recovery |
| Grid-No. 2 Voltage . . . .<br>.. . . e                    | 250 V           | Published datasheet line; semantic text-layer recovery |
| Grid-No. 1 YoltageY . . . .<br>... . . —25t0 —            | 70 V            | Published datasheet line; semantic text-layer recovery |
| Focusing-Coil Current A,<br>approximate                   | 11 mA           | Published datasheet line; semantic text-layer recovery |
| than                                                      | 4000 V          | Published datasheet line; semantic text-layer recovery |
| 2. ANODE TERMINAL ALIGNS<br>WITH PIN-NO. 5 *I             | 0 deg           | Published datasheet line; semantic text-layer recovery |

## TUBE TINKER

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

