ELECTRONIC TUBE REFERENCE

# C21TM

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA
**1 SECTION**
CONSTRUCTION
**CATHODERAY**

Brimar 21-inch-class monochrome television picture tube for high-voltage direct-view service, using magnetic deflection and manufacturer-specified focusing, beam-current, and screen characteristics.

## General characteristics

| | | | |
|---|---|---|---|
| **BASE DESIGNATION** | — | **BASE PINS** | — |
| **NOMINAL HEATER** | 12.6 V / 300 mA | **PARALLEL HEATER** | — / — |
| **HEATING** | Indirect | **SERIES OPERATION** | Not specified |
| **CATHODE ARRANGEMENT** | Separate cathodes | **SECTION CONSTRUCTION** | Similar |

## Section ratings

**SECTION1** Cathode Ray

| | |
|---|---|
| **MAXIMUM PLATE VOLTAGE** | 20000 V |

*Published Brimar ratings and characteristics promoted where applicable; additional data retained as parameters.*

Rectangular 90-degree magnetic-focus television CRT with tetrode gun and ion trap.

SOURCE OPERATING CONDITIONS

SOURCE PDF

# 1958 Brimar Radio Valve No 7

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

1958 BRIMAR RADIO VALVE NO 7

## Section 1 · Cathode Ray

### APPLICATION

| PARAMETER | PUBLISHED VALUE | CONDITION / NOTE |
|---|---|---|
| Application | **Television picture display** | — |

### CHARACTERISTICS

| PARAMETER | PUBLISHED VALUE | CONDITION / NOTE |
|---|---|---|
| Focusing method | **Magnetic** | — |
| Diagonal deflection angle | **90 deg** | — |

Tube Tinker

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

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