

ELECTRONIC TUBE REFERENCE

# 12ACP19

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

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

Twelve-inch electrostatically focused and deflected cathode-ray display tube. It has an aluminized P19 screen with orange, long-persistence fluorescence, intended for direct-view instrument displays where a slowly fading trace is advantageous.

## 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

|                                                                                                      |
|------------------------------------------------------------------------------------------------------|
| <b>SECTION1</b> Cathode Ray                                                                          |
| <i>No fixed ratings recorded.</i>                                                                    |
| <i>Representative electron-beam display section; repeated beam systems are electrically similar.</i> |



## SOURCE OPERATING CONDITIONS

## 1960 Du Mont

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

## 1960 DU MONT

## Section 1 · Cathode Ray

| CHARACTERISTICS     |                              |                  |
|---------------------|------------------------------|------------------|
| PARAMETER           | PUBLISHED VALUE              | CONDITION / NOTE |
| Heater Voltage      | 6.3 V                        | —                |
| Heater Current      | 600 mA                       | —                |
| Focusing Method     | Electrostatic text           | —                |
| Deflection Method   | Electrostatic text           | —                |
| Phosphor            | P19 text                     | —                |
| Fluorescence        | Orange text                  | —                |
| Persistence         | Long text                    | —                |
| Screen Construction | Aluminized/metal-backed text | —                |

## TUBE TINKER

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

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