

ELECTRONIC TUBE REFERENCE

7295B

Specialized - Photo Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION  
CONSTRUCTION  
CAMERAPICKUP

High-resolution S-10 image orthicon television camera tube.

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

|                                                                              |
|------------------------------------------------------------------------------|
| SECTION0 CameraPickup                                                        |
| No fixed ratings recorded.                                                   |
| S-10 image orthicon; 450 nm peak spectral response; 12 pF anode capacitance. |

## SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

# 9999 Mixed D 1000

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

9999 MIXED D 1000

Section 0 · CameraPickup

**CHARACTERISTICS**

| PARAMETER                      | PUBLISHED VALUE | CONDITION / NOTE   |
|--------------------------------|-----------------|--------------------|
| Wavelength of maximum response | <b>450 nm</b>   | S-10 peak response |

**OTHER**

| PARAMETER               | PUBLISHED VALUE | CONDITION / NOTE |
|-------------------------|-----------------|------------------|
| Heater/filament voltage | <b>6.3 V</b>    | Heater voltage   |
| Heater/filament current | <b>600 mA</b>   | Heater current   |