

ELECTRONIC TUBE REFERENCE

90EB4P

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION  
CONSTRUCTION  
CATHODERAY

Three-and-one-half-inch oscilloscope cathode-ray tube with electrostatic focusing and electrostatic deflection. Its compact direct-view beam system is intended for waveform display and electronic measurement instrumentation.

GENERAL CHARACTERISTICS

|                     |                   |                      |               |
|---------------------|-------------------|----------------------|---------------|
| BASE DESIGNATION    | —                 | BASE PINS            | —             |
| NOMINAL HEATER      | 4 V / 1 A         | PARALLEL HEATER      | — / —         |
| HEATING             | Indirect          | SERIES OPERATION     | Not specified |
| CATHODE ARRANGEMENT | Separate cathodes | SECTION CONSTRUCTION | Similar       |

SECTION RATINGS

|                                                                             |
|-----------------------------------------------------------------------------|
| SECTION1 Cathode Ray                                                        |
| No fixed ratings recorded.                                                  |
| Published ratings and characteristics promoted from the approved datasheet. |

Electrostatically focused and deflected 3.5-inch oscilloscope cathode-ray tube.

## SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

# 196X Cintel

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

## 196X CINTEL

## Section 1 · Cathode Ray

| OTHER                                            |                 |                           |
|--------------------------------------------------|-----------------|---------------------------|
| PARAMETER                                        | PUBLISHED VALUE | CONDITION / NOTE          |
| Cathode to all other electrodes capacitance      | 15 pF           | Published datasheet value |
| Each X Plate to all other electrodes capacitance | 25 pF           | Published datasheet value |
| Each Y Plate to all other electrodes capacitance | 25 pF           | Published datasheet value |