



## ELECTRONIC TUBE REFERENCE

## LD8007

Nixie electronic tube

CONSOLIDATED TECHNICAL DATA

## 1 SECTION

CONSTRUCTION

NIXIE

Cold-cathode numerical indicator with a decimal-point display. The manufacturer documentation identifies it as a direct visual numeric readout tube and supplies electrical operating, rating, display, and mechanical information for its glow-discharge operation.

## GENERAL CHARACTERISTICS

|                     |                        |                      |               |
|---------------------|------------------------|----------------------|---------------|
| BASE DESIGNATION    | —                      | BASE PINS            | —             |
| NOMINAL HEATER      | — / —                  | PARALLEL HEATER      | — / —         |
| HEATING             | Indirect; cold cathode | SERIES OPERATION     | Not specified |
| CATHODE ARRANGEMENT | Separate cathodes      | SECTION CONSTRUCTION | Similar       |

## SECTION RATINGS

|                                                                                                           |       |
|-----------------------------------------------------------------------------------------------------------|-------|
| SECTION 1 Nixie                                                                                           |       |
| MAXIMUM PLATE VOLTAGE                                                                                     | 190 V |
| <i>Cold-cathode glow/counting/display section; published values retained as parameters where legible.</i> |       |

LD8007 is a cold-cathode numerical indicator with decimal point, classified as Nixie for this batch. The supplied datasheet was reviewed for ratings, operating conditions, display/counting function, and mechanical information.

## SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

# 196X Nixie Random Datasheets

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

## 196X NIXIE RANDOM DATASHEETS

## Section 1 · Nixie

| OTHER                |                 |                               |
|----------------------|-----------------|-------------------------------|
| PARAMETER            | PUBLISHED VALUE | CONDITION / NOTE              |
| Anode Supply Voltage | <b>190 V</b>    | Published datasheet value     |
| Supply Voltage       | <b>190 V</b>    | Rk=27.1 kOhm; Rk(+)= 150 kOhm |
| Supply Voltage       | <b>200 V</b>    | Rk=33 kOhm; Rk(+)= 180 kOhm   |
| Supply Voltage       | <b>230 V</b>    | Rk=47 kOhm; Rk(+)= 270 kOhm   |

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