

Gas-filled cold-cathode Nixie numerical indicator designed to display decimal digits by selective glow discharge of shaped cathodes.

### 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

SECTION1 Nixie

No fixed ratings recorded.

Special-purpose display/switching section. Published non-promoted ratings are retained in TUBE\_SECTION\_PARAMETER.

BD206 is listed in the shared Burroughs Nixie numerical-readout catalog. The source establishes the gas-filled cold-cathode Nixie display principle, but the model-specific electrical cross-reference is not unambiguous enough to assign exact table values without guessing.



## SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

# 1961 Nixie Burroughs

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

1961 NIXIE BURROUGHS

## Section 1 · Nixie

| DESCRIPTION       |                 |                                           |
|-------------------|-----------------|-------------------------------------------|
| PARAMETER         | PUBLISHED VALUE | CONDITION / NOTE                          |
| Display Principle | Glow discharge  | Gas-filled cold-cathode readout principle |



## SOURCE OPERATING CONDITIONS

# 1963 Burroughs

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

1963 BURROUGHS

## Section 1 · Nixie

| CHARACTERISTIC     |                 |                  |
|--------------------|-----------------|------------------|
| PARAMETER          | PUBLISHED VALUE | CONDITION / NOTE |
| Ionization Voltage | 230 V           | —                |

| OTHER                          |                 |                  |
|--------------------------------|-----------------|------------------|
| PARAMETER                      | PUBLISHED VALUE | CONDITION / NOTE |
| Peak Anode Current             | 5 mA            | —                |
| Average Anode Current          | 3 mA            | —                |
| Individual Cathode Dissipation | 0.8 W           | —                |
| Anode Supply Voltage           | 250 V           | —                |
| Anode Series Resistance        | 43000 ohm       | —                |
| Anode Current Minimum          | 2 mA            | —                |
| Anode Current Maximum          | 3 mA            | —                |