ELECTRONIC TUBE REFERENCE

# Z563C

Nixie electronic tube

CONSOLIDATED TECHNICAL DATA
**1 SECTION**
CONSTRUCTION
**NIXIE**

Cold-cathode noble-gas decade counting and switching tube designed for forward and reverse counting, with glow-discharge transfer between successive counting positions.

## 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.*

*Published ratings and characteristics promoted where clearly stated.*

Cold-cathode noble-gas decade counting and display tube for forward and reverse counting.

SOURCE OPERATING CONDITIONS

SOURCE PDF

# 1953 RFT Rundfunk Technik

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

1953 RFT RUNDFUNK TECHNIK

## Section 1 · Nixie

### CHARACTERISTICS

| PARAMETER | PUBLISHED VALUE | CONDITION / NOTE |
|---|---|---|
| Ignition voltage | **300 V** | Published ignition value |
| Burning voltage | **190 V** | Published glow-discharge value |

### OTHER

| PARAMETER | PUBLISHED VALUE | CONDITION / NOTE |
|---|---|---|
| Cathode current | **0.35 mA** | Published operating value |
| Maximum counting frequency | **5 kHz** | Published counting limit |

Tube Tinker

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

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