ELECTRONIC TUBE REFERENCE

SZ8

Nixie electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
NIXIE

Cold-cathode numerical indicator designed for direct visual digit readout in electronic instruments and counting equipment.

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

MAXIMUM PLATE VOLTAGE	170 V
MAXIMUM CATHODE CURRENT	3 mA

Cold-cathode discharge/display/counting section; published values retained as parameters.

SZ8 is a cold-cathode numerical indicator, classified as Nixie for this batch. The supplied datasheet was reviewed for operating conditions, ratings, and display/counting characteristics.

SOURCE OPERATING CONDITIONS

196X Nixie Random Datasheets

SOURCE PDF

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**
Supply Voltage	**170 V**	Published datasheet value
Maximum/Normal Cathode Current	**3 mA**	Published datasheet value

CHARACTERISTIC		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Ignition/Starting Voltage	**180 V**	Published datasheet value
Minimum Cathode/Anode Current	**1 mA**	Published datasheet value

Tube Tinker

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

Catalog Tube types Full books Blog Feedback & corrections

© 2026 Tube Tinker