ELECTRONIC TUBE REFERENCE

ZM1310

Nixie electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
NIXIE

Long-life cold-cathode ten-digit side-view pulse indicator. Designed for pulsed numerical display operation, it combines shaped glow-discharge cathodes with extended-life construction and manufacturer-specified electrical and mechanical display characteristics.

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	190 V
MAXIMUM CATHODE CURRENT	2 mA

Cold-cathode gas-discharge display section; published electrical values retained as parameters.

ZM1310 is a long-life ten-digit side-viewing pulse indicator, classified as Nixie for this batch. The supplied datasheet provides cold-cathode gas-discharge display ratings, operating data, and mechanical/display information.

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
Numeral Height	**12.3 mm**	Published datasheet value
Supply Voltage	**190 V**	Published datasheet value
Peak Cathode Current Maximum	**2 mA**	Pulse/multiplex operation
Average Cathode Current Maximum	**0.5 mA**	Published datasheet value

CHARACTERISTIC

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak Cathode Current Minimum	**2 mA**	Pulse operation

Tube Tinker

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