



ELECTRONIC TUBE REFERENCE

ZM1320

Nixie electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
NIXIE

Long-life cold-cathode ten-digit side-view pulse indicator. Its shaped cathodes provide direct numerical readout under pulsed operation, with manufacturer documentation covering gas-discharge ratings, operating data, and mechanical display information.

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	170 V
MAXIMUM CATHODE CURRENT	19 mA
<i>Cold-cathode gas-discharge display section; published electrical values retained as parameters.</i>	

ZM1320 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

[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
Numeral Height	12.5 mm	Published datasheet value
Supply Voltage	170 V	Published datasheet value
Peak Cathode Current Maximum	19 mA	Pulse/multiplex operation
Average Cathode Current Maximum	1.7 mA	Published datasheet value

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak Cathode Current Minimum	7 mA	Pulse operation

TUBE TINKER

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