ELECTRONIC TUBE REFERENCE

B8091

Nixie electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
NIXIE

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

MAXIMUM CATHODE CURRENT	6.5 mA

Special-purpose display/switching section. Published non-promoted ratings are retained in TUBE_SECTION_PARAMETER.

Large wide-angle NIXIE numerical indicator.

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

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Ionization Voltage	170 V	—
Supply Voltage	170 V	—
Peak Cathode Current	6.5 mA	—
Typical Supply Voltage	170 V	—
Series Resistance	5600 ohm	—
Cathode Current Minimum	3 mA	—
Cathode Current Maximum	6 mA	—

Tube Tinker

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

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