



ELECTRONIC TUBE REFERENCE

B6091

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

Super-size gas-filled cold-cathode NIXIE numerical indicator.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

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	—
Cathode Current	4.5 mA	—
Typical Supply Voltage	170 V	—
Series Resistance	6800 ohm	—
Cathode Current Minimum	1.5 mA	—
Cathode Current Maximum	4 mA	—