



ELECTRONIC TUBE REFERENCE

B5859

Nixie electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
NIXIE

Ultra-long-life cold-cathode Nixie numerical indicator intended for both DC and time-sharing display applications. Its design supports conventional steady operation as well as multiplexed service while emphasizing extended display life.

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

No fixed ratings recorded.

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

Ultra-long-life cold-cathode NIXIE numerical indicator for DC and time-sharing applications; S version has short leads.

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	Catalog/group specification
Supply Voltage	170 V	Catalog/group specification
Peak/Maximum Anode Current	5 mA	Catalog/group specification
Ionization Voltage	170 V	—
Supply Voltage	170 V	—
Anode Current	5 mA	—
Typical Series Resistance	10000 ohm	—
Typical Anode Current	3.4 mA	—
Typical Decimal Point Current	0.35 mA	—