



ELECTRONIC TUBE REFERENCE

7977A

Nixie electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
NIXIE

Ultra-long-life miniature Nixie numerical indicator optimized for reliable direct digit display in low-light or dark environments.

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

Ultra-long-life miniature gas-filled cold-cathode NIXIE numerical indicator for low-light/dark environments.

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	2 mA	—