



ELECTRONIC TUBE REFERENCE

7978

Nixie electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

NIXIE

Cold-cathode gas-filled bidirectional ring-stepping decade counter with visible neon-glow indication of the active count position.

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 CATHODE CURRENT	0.6 mA
<i>Published maximum ratings and characteristics promoted from approved source.</i>	

Cold-cathode gas-filled bidirectional ring stepping decade counter with visual neon-glow readout.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1938 Raytheon

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1938 RAYTHEON

Section 1 · Nixie

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Plate Voltage	425 V	—
Maximum Cathode Current	0.6 mA	—
TotalAnodeCurrentMinimum	0.3 mA	—
TotalAnodeCurrentMaximum	0.6 mA	—
InputFrequencyMaximum	5000 Hz	—