ELECTRONIC TUBE REFERENCE

IN15B

Nixie electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
NIXIE

Russian cold-cathode symbol display for direct visual indication, with manufacturer-published ignition voltage and service-life data.

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 REGULATOR CURRENT	2.5 A
STARTING VOLTAGE	170 V

Single cold-cathode glow-discharge indicator section; Nixie-specific operating data are also retained as parameters.

The IN15B is a Russian cold-cathode glow-discharge Nixie numeric/symbol display intended for visual indication. Ignition voltage up to 170 v, published life at least 800 h. The supplied Russian datasheet was translated for this record.

SOURCE OPERATING CONDITIONS

196X Nixie Russian 2

SOURCE PDF

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

196X NIXIE RUSSIAN 2

Section 1 · Nixie

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Indication current	—2.5 mA	Published datasheet value
DC operating current	—3.5 mA	Published datasheet value
Ambient operating temperature minimum	-60 degC	Published datasheet value
Ambient operating temperature maximum	70 degC	Published datasheet value
Supply voltage	200— V	Minimum stated source/supply voltage
Ignition voltage	—170 V	Published datasheet value
Indication current	—2.5 mA	Published datasheet value

CHARACTERISTIC		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Service life	800— h	Minimum

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