ELECTRONIC TUBE REFERENCE

3A102B

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIODE

Standard Valves triode with published construction, electrical constants, limiting conditions, and operating information; available evidence does not support a narrower functional category.

General characteristics

BASE DESIGNATION	–	**BASE PINS**	5
NOMINAL HEATER	2.1 V / 1 A	**PARALLEL HEATER**	– / –
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Triode	
PLATE RESISTANCE	60000 Ω
TRANSCONDUCTANCE	0.0005 S
AMPLIFICATION FACTOR	30
MAXIMUM PLATE VOLTAGE	190 V
MAXIMUM CATHODE CURRENT	0.5 mA

Extracted semantically from complete approved datasheet.

3A102B is a triode described in the Standard Valves datasheet. The source provides construction, electrical constants, limiting conditions, and operating information.

SOURCE OPERATING CONDITIONS

SOURCE PDF

1946 Standard Telephone and Cables

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

1946 STANDARD TELEPHONE AND CABLES

Section 1 · Triode

CAPACITANCE

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-anode capacitance	**17 pF**	—
Grid-cathode capacitance	**0.5 pF**	—
Anode-cathode capacitance	**39 pF**	—

Tube Tinker

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