ELECTRONIC TUBE REFERENCE

TV15030

Voltage Regulator electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
VOLTAGEREGULATOR

Cold-cathode glow-discharge voltage stabilizer for heaterless shunt regulation and reference service in electronic power supplies.

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 Voltage Regulator	
REGULATOR VOLTAGE	150 V
MINIMUM REGULATOR CURRENT	5 mA
MAXIMUM REGULATOR CURRENT	30 mA
STARTING VOLTAGE	180 V
MAINTAINING VOLTAGE	150 V
DYNAMIC IMPEDANCE	100 Ω
Published glow-regulator values promoted from the source sheet.	

TV15030 is a printed exact equivalent/co-designation on the STR15030 source sheet. A cold-cathode glow-discharge regulator for automatic stabilization of a 150 V DC supply over its specified current range.

SOURCE OPERATING CONDITIONS

1953 RFT Rundfunk Technik

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

1953 RFT RUNDFUNK TECHNIK

Section 1 · Voltage Regulator

CHARACTERISTIC

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Nominal maintaining voltage	**150 V**	—
Voltage variation over current range	**4.5 V**	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Current range	**5 to 30 mA**	—
Nominal current	**17.5 mA**	—

Tube Tinker

An independent reference for electronic tubes, vacuum tubes, and their source documents.

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