



ELECTRONIC TUBE REFERENCE

150C1K

Voltage Regulator electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

VOLTAGEREGULATOR

Cold-cathode 150 V gas-discharge stabilizer providing heaterless DC supply regulation over approximately 5-40 mA.

GENERAL CHARACTERISTICS

BASE DESIGNATION	OCTAL 8P	BASE PINS	8
NOMINAL HEATER	– / –	PARALLEL HEATER	– / –
HEATING	Indirect; cold cathode	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Voltage Regulator	
REGULATOR VOLTAGE	150 V
MINIMUM REGULATOR CURRENT	5 mA
MAXIMUM REGULATOR CURRENT	40 mA
STARTING VOLTAGE	205 V
MAINTAINING VOLTAGE	150 V
DYNAMIC IMPEDANCE	200 Ω
Voltage stabiliser.	

The Philips 150C1K is a cold-cathode voltage stabiliser operating at about 150 V.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1957 Philips Receiving and Amplifying Tubes

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

1957 PHILIPS RECEIVING AND AMPLIFYING TUBES

Section 1 · Voltage Regulator

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Operating Voltage	150 V	—
Regulation	8 V	Published current range

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Ignition Voltage Maximum	205 V	—
Minimum Operating Current	5 mA	—
Maximum Operating Current	40 mA	—

SOURCE OPERATING CONDITIONS

1999 Philips 0-D

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

1999 PHILIPS 0-D

Section 1 · Voltage Regulator

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Average operating voltage	150 V	—
Maximum regulation variation	8 V	—
Dynamic AC resistance	200 ohm	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum starting voltage	205 V	—
Minimum operating current	5 mA	—
Maximum operating current	40 mA	—

TUBE TINKER

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