



ELECTRONIC TUBE REFERENCE

YR105

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

SECTION 1 Voltage Regulator	
REGULATOR VOLTAGE	108 V
MINIMUM REGULATOR CURRENT	5 mA
MAXIMUM REGULATOR CURRENT	40 mA
STARTING VOLTAGE	133 V
MAINTAINING VOLTAGE	108 V
DYNAMIC IMPEDANCE	100 Ω
<i>Published electrical ratings and characteristics promoted from the approved source.</i>	

Voltage-regulator discharge tube for automatic stabilization of DC voltage; equivalent to YR105 and 0C3.

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

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
RegulatorVoltage	108 V	—
RegulatorCurrentMinimum	5 mA	—
RegulatorCurrentMaximum	40 mA	—
RegulatorStartingVoltage	133 V	—
RegulatorMaintainingVoltage	108 V	—
RegulatorDynamicImpedance	100 ohm	—

TUBE TINKER

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and their source documents.

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