



ELECTRONIC TUBE REFERENCE

6353

Voltage Regulator electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

VOLTAGEREGULATOR

Very-high-voltage corona regulator providing approximately 19.3 kV stabilization for television, CRT, photomultiplier, and test-equipment 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	19300 V
MINIMUM REGULATOR CURRENT	0.025 mA
MAXIMUM REGULATOR CURRENT	1 mA
STARTING VOLTAGE	20000 V
MAINTAINING VOLTAGE	19300 V
DYNAMIC IMPEDANCE	1000000 Ω

Very-high-voltage corona regulator tube for stabilizing DC supplies used in television, CRT, photomultiplier and test equipment.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1950 Victoreen

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

1950 VICTOREEN

Section 1 · Voltage Regulator

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
RegulatedVoltage	19300 V	—
DynamicImpedance	1000000 ohm	—
VoltageRegulation	1500 V	Published current range

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
StartingOrBreakdownVoltage	20000 V	—
MinimumRegulatorCurrent	25 uA	—
MaximumRegulatorCurrent	1000 uA	—

TUBE TINKER

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and their source documents.

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