



ELECTRONIC TUBE REFERENCE

STR8510C

Voltage Regulator electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

VOLTAGEREGULATOR

High-stability 85 V cold-cathode reference tube with approximately 0.5% specified lifetime voltage change.

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	85 V
MINIMUM REGULATOR CURRENT	1 mA
MAXIMUM REGULATOR CURRENT	10 mA
STARTING VOLTAGE	125 V
MAINTAINING VOLTAGE	85 V
DYNAMIC IMPEDANCE	250 Ω
<i>Published glow-discharge voltage-stabilizer characteristics.</i>	

STR8510C is a printed exact equivalent/co-designation on the STR8510 source sheet. A high-stability cold-cathode glow-discharge voltage regulator with a published lifetime voltage-change limit of 0.5%.

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	85 V	—
Lifetime voltage change	0.5 %	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Current range	1 to 10 mA	—
Nominal current	6 mA	—

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