

ELECTRONIC TUBE REFERENCE

QS1200

Voltage Regulator electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
VOLTAGEREGULATOR

Cold-cathode glow regulator maintaining approximately 150 V over 5-15 mA for rapid automatic stabilization and long-term constancy.

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 A
MAXIMUM REGULATOR CURRENT	15 A
STARTING VOLTAGE	180 V
MAINTAINING VOLTAGE	150 V
DYNAMIC IMPEDANCE	250 Ω
Published glow-regulator values promoted from the source sheet.	

QS1200 is a printed exact equivalent/co-designation on the STR15015 source sheet. A cold-cathode glow-discharge voltage regulator for automatic, inertia-free stabilization of a DC voltage, designed for high temporal constancy.

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	—
Warm-up / stabilization time	10 min	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Current range	5 to 15 mA	—
Nominal current	10 mA	—

TUBE TINKER

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and their source documents.

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