



ELECTRONIC TUBE REFERENCE

QS1212

Voltage Regulator electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

VOLTAGEREGULATOR

High-stability low-noise cold-cathode reference maintaining approximately 85 V for rugged, reliable precision reference circuits.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	7
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	85 V
MINIMUM REGULATOR CURRENT	1 mA
MAXIMUM REGULATOR CURRENT	10 mA
STARTING VOLTAGE	115 V
MAINTAINING VOLTAGE	85 V

Single-gap cold-cathode gas-filled 85 V voltage-reference tube designed for very stable long-term output; rugged and reliable.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1971 English Electric Valve

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

1971 ENGLISH ELECTRIC VALVE

Section 1 · Voltage Regulator

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Operating Voltage	85 V	At 6.0 mA
NoisePeakToPeak	50 mV	50 to 5000 Hz; 1 to 10 mA

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