



ELECTRONIC TUBE REFERENCE

6140

Voltage Regulator electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

VOLTAGEREGULATOR

Cold-cathode gas-discharge voltage regulator for heaterless shunt stabilization or reference service in electronic power supplies.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
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	100 V
MINIMUM REGULATOR CURRENT	4 mA
MAXIMUM REGULATOR CURRENT	8 mA
STARTING VOLTAGE	160 V
MAINTAINING VOLTAGE	100 V
<i>Published ratings and characteristics promoted where applicable; additional useful values retained as parameters.</i>	

6140: Western Electric/RMA cold-cathode voltage regulator with published ratings and operating data. The complete approved datasheet was read semantically, including ratings, characteristics and operating information.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

194X Western Electric Random

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

194X WESTERN ELECTRIC RANDOM

Section 1 · Voltage Regulator

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode breakdown voltage	160 V	—
Anode voltage drop at 6 mA	100 V	—