



ELECTRONIC TUBE REFERENCE

Z2692

Voltage Regulator electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

VOLTAGEREGULATOR

Rugged ceramic cold-cathode 85 V reference diode for regulated DC supplies under adverse temperature, shock, and vibration.

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

The Z-2692 is a ceramic, cold-cathode, glow-discharge diode designed for voltage-reference service in electronically regulated d-c power supplies. The Z-2692 is especially suited for use where unfavorable conditions of temperature, mechanical shock, and mechanical vibration are encountered.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 General Electric Co

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

1968 GENERAL ELECTRIC CO

Section 1 · Voltage Regulator

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode Breakdown Voltage Maximum	125 V	Ambient light or total darkness
Regulation Maximum	5 V	Anode current 1-10 mA
Anode Current 1 5 Milliamperes 83 01x	0.5 V	AVERAGE CHARACTERISTICS
Anode Current 2 5 Milliamperes 83 5	0.5 V	AVERAGE CHARACTERISTICS
Anode Current 3 5 Milliamperes 84 0	0.5 V	AVERAGE CHARACTERISTICS
Anode Current 5 0 Milliamperes 85 0	0.5 V	AVERAGE CHARACTERISTICS
Anode Current 10 Milliamperes 87 0x	0.5 V	AVERAGE CHARACTERISTICS
In Ambient Light maximum	125 V	AVERAGE CHARACTERISTICS
In Total Darkness maximum	125 V	AVERAGE CHARACTERISTICS
Anode Current 1 0 to 10 Milliamperes	5 V	AVERAGE CHARACTERISTICS
Anode Current 1 5 to 3 5 Milliamperes	1 V	AVERAGE CHARACTERISTICS
Anode Current 1 0 to 10 Milliamperes	5 mV	AVERAGE CHARACTERISTICS
2 5 Milliamperes 100	100 mV	AVERAGE CHARACTERISTICS
5 0 Milliamperes 100	1000 mV	AVERAGE CHARACTERISTICS
2 5 Milliamperes 50	50 mV	AVERAGE CHARACTERISTICS
5 0 Milliamperes 50	250 mV	AVERAGE CHARACTERISTICS
2 5 Milliamperes 200	200 mV	AVERAGE CHARACTERISTICS (Continued)

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
5 0 Milliamperes 250	500 mV	AVERAGE CHARACTERISTICS (Continued)
2 5 Milliamperes 100	500 mV	AVERAGE CHARACTERISTICS (Continued)
5 0 Milliamperes 150	1000 mV	AVERAGE CHARACTERISTICS (Continued)
Anode Current 5 0 Milliamperes	100 mV	AVERAGE CHARACTERISTICS (Continued)
50C to +25C	-10 mV	AVERAGE CHARACTERISTICS (Continued)
25C to 300C	-3 mV	AVERAGE CHARACTERISTICS (Continued)
300C to 500C	-3 mV	AVERAGE CHARACTERISTICS (Continued)

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum	10 mA	MAXIMUM RATINGS
Minimum	1 mA	MAXIMUM RATINGS

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes, and their source documents.

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker