



ELECTRONIC TUBE REFERENCE

6EJ4A

Triode - HV Shunt Regulator electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Low-current high-voltage beam triode for color-television shunt regulation, incorporating X-radiation shielding and design controls to reduce radiation output.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	12
NOMINAL HEATER	6.3 V / 200 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.0002 S
MAXIMUM PLATE VOLTAGE	27000 V
MAXIMUM PLATE DISSIPATION	40 W
<i>High-voltage beam triode shunt-regulator section; absolute maximum DC plate current 1.5 mA preserved as parameter.</i>	

The 6EJ4-A is a low-current, high-voltage beam triode intended for use as a shunt regulator in the high-voltage supply of color television receivers, with built-in X-radiation shielding and controls for reduced X-radiation output.



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 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
DC Plate Current	1.5 mA	AbsoluteMaximum
Regulated DC Output Voltage	25000 V	ZeroLoad
Regulated DC Output Voltage	24500 V	LoadCurrent=1mA
X-radiation Maximum	0.5 mR/hr	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Effective Grid-Plate Transconductance	200 μ S	ShuntRegulator

TUBE TINKER

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and their source documents.

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