ELECTRONIC TUBE REFERENCE

6W4GTA

Rectifier - Damper Diode electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
RECTIFIER

> Single heater-cathode diode designed for damping service in television horizontal-deflection circuits, an improved replacement for the 6W4GT.

General characteristics

BASE DESIGNATION	4CG	**BASE PINS**	5
NOMINAL HEATER	6.3 V / 1.2 A	**PARALLEL HEATER**	— / —
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

4CG - Terminal pinout

TERMINAL	SECTION	ELEMENT	STATUS
PIN1 — IC	—	—	IC
PIN2 — IC	—	—	IC
PIN3 — K	A	K — Cathode	CONNECTED
PIN5 — P	A	P — Plate (Anode)	CONNECTED
PIN7 — H	—	H — Heater	CONNECTED
PIN8 — H	—	H — Heater	CONNECTED

Section ratings

SECTION1 Rectifier	
MAXIMUM PLATE DISSIPATION	4 W
PEAK INVERSE VOLTAGE	3950 V
NOMINAL OUTPUT CURRENT	140 mA
PEAK FORWARD CURRENT	840 mA
FORWARD VOLTAGE DROP	21 V
Damper-service design-maximum ratings and average voltage drop promoted.	

The 6W4-GTA is a single heater-cathode diode for damping-diode service in television horizontal-deflection circuits and is unilaterally interchangeable with the 6W4-GT.

SOURCE OPERATING CONDITIONS

1968 General Electric Co

SOURCE PDF

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

1968 GENERAL ELECTRIC CO

Section 1 · Rectifier

CAPACITANCE		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Cathode to Plate and Heater Capacitance	**8 pF**	—
Plate to Cathode and Heater Capacitance	**6 pF**	—
Heater to Cathode Capacitance	**3 pF**	—

TUBE TINKER

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

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