

ELECTRONIC TUBE REFERENCE

14AJP4

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

Fourteen-inch rectangular glass television picture tube with electrostatic focus, magnetic deflection, 110-degree deflection, ion-trap gun, and aluminized screen. Typical anode operation is around 9 kV for direct-view monochrome television service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	6R	BASE PINS	7
NOMINAL HEATER	6.3 V / 600 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

6R - TERMINAL PINOUT

TERMINAL	SECTION	ELEMENT	STATUS
PIN1 – H	–	H – Heater	CONNECTED
PIN2 – D	A	OTHER – Other Identified Element	CONNECTED
PIN3 – G1	A	G1 – Control Grid	CONNECTED
PIN4 – T	A	T – Target	CONNECTED
PIN5 – K	A	K – Cathode	CONNECTED
PIN7 – H	–	H – Heater	CONNECTED

SECTION RATINGS

SECTION0 Cathode Ray	
MAXIMUM PLATE VOLTAGE	11000 V
Design-center maximum anode voltage 11 kV.	

A 14-inch rectangular glass picture tube with electrostatic focus, magnetic deflection, 110-degree deflection angle, ion-trap gun and aluminized screen.



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 0 · Cathode Ray

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Typical Anode Voltage	9000 V	TypicalOperation
Grid Number 2 Voltage Maximum	500 V	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Deflection Angle Diagonal	110 deg	—

TUBE TINKER

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

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