



ELECTRONIC TUBE REFERENCE

F8036

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

3 SECTIONS

CONSTRUCTION

CATHODERAY-CATHODERAY-CATHODERAY

Direct-view storage cathode-ray tube with dedicated writing and storage/readout functions, designed to retain displayed information for instrument observation; manufacturer data defines specialized write-gun and viewing-screen operating voltages.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 600 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Dissimilar

SECTION RATINGS

SECTION1 Cathode Ray

No fixed ratings recorded.

Distinct physical gun section; device-specific electrode voltages are retained in TUBE_SECTION_PARAMETER.

SECTION2 Cathode Ray

No fixed ratings recorded.

Distinct physical gun section; device-specific electrode voltages are retained in TUBE_SECTION_PARAMETER.

SECTION3 Cathode Ray

No fixed ratings recorded.

Distinct physical gun section; device-specific electrode voltages are retained in TUBE_SECTION_PARAMETER.

Bright-display direct-view storage CRT with two writing guns plus flood/viewing gun; electrostatic focus and deflection.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1972 Thomson CSF

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

1972 THOMSON CSF

Section 1 · Cathode Ray

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Writing Gun Heater Voltage	6.3 V	—
Writing Gun Heater Current	600 mA	—
Writing Gun Count	2 count	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Writing Gun Cathode Voltage	-2900 V	Negative with respect to ground
Writing Gun Focus Voltage	1200 V	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Cathode to Internal Elements Capacitance Maximum	10 pF	—
Grid 1 to Internal Elements Capacitance Maximum	10 pF	—

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Section 2 · Cathode Ray

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Writing Gun Heater Voltage	6.3 V	—
Writing Gun Heater Current	600 mA	—
Writing Gun Count	2 count	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Writing Gun Cathode Voltage	-2900 V	Negative with respect to ground
Writing Gun Focus Voltage	1200 V	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Cathode to Internal Elements Capacitance Maximum	10 pF	—
Grid 1 to Internal Elements Capacitance Maximum	10 pF	—

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Section 3 · Cathode Ray

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Flood Gun Heater Voltage	6.3 V	—
Flood Gun Heater Current	600 mA	—
Storage Type	Direct-view storage	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Viewing Screen Voltage Maximum	11 kV	—

TUBE TINKER

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

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