



ELECTRONIC TUBE REFERENCE

F8055

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

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.

Compact direct-view electrostatic image-storage CRT with electromagnetic deflection, P20 yellow-green aluminized screen and reinforced airborne construction resistant to vibration.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1958 Compagnie General

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

1958 COMPAGNIE GENERAL

Section 1 · Cathode Ray

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Useful screen diameter	100 mm	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Deflection method	1 code	Electromagnetic
Focus method	1 code	Electrostatic
Maintenance-beam post-acceleration minimum	6 kV	—
Maintenance-beam post-acceleration maximum	9 kV	—
Write-gun cathode voltage	-2000 V	—
Write control-grid voltage minimum	0 V	RelativeToCathode
Write control-grid voltage maximum	100 V	RelativeToCathode
Second control-grid voltage maximum	250 V	RelativeToCathode
Focus-grid voltage maximum	200 V	RelativeToCathode

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	1 count	—

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

1972 THOMSON CSF

Section 2 · Cathode Ray

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Flood Gun Heater Voltage	6.3 V	—
Flood Gun Heater Current	800 mA	—
Storage Type	Direct-view storage	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Viewing Screen Voltage Maximum	9 kV	—