



ELECTRONIC TUBE REFERENCE

7539

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

3 SECTIONS

CONSTRUCTION

CATHODERAY-CATHODERAY-CATHODERAY

Graphochon scan-conversion storage tube for data-processing systems. It stores signal information and converts it from one scanning time base or presentation format to another.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 2.2 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Dissimilar

SECTION RATINGS

SECTION1 Cathode Ray

No fixed ratings recorded.

Published ratings and characteristics promoted where clearly applicable; additional published values retained as parameters.

SECTION2 Cathode Ray

No fixed ratings recorded.

Published ratings and characteristics promoted where clearly applicable; additional published values retained as parameters.

SECTION3 Cathode Ray

No fixed ratings recorded.

Published ratings and characteristics promoted where clearly applicable; additional published values retained as parameters.

Graphechon scan-conversion storage tube for data-processing systems that transform stored signal information from one scanning time base or presentation to another.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1940 RCA

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

1940 RCA

Section 1 · Cathode Ray

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater or filament voltage	6.3 V	Published nominal value
Heater or filament current	2.2 A	Published nominal/aggregate value
Writing-gun heater current	600 mA	Published
Reading-gun heater current	1.6 A	Published

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	Scan conversion / data-processing storage	Published

1940 RCA

Section 2 · Cathode Ray

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater or filament voltage	6.3 V	Published nominal value
Heater or filament current	2.2 A	Published nominal/aggregate value

1940 RCA

Section 3 · Cathode Ray

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater or filament voltage	6.3 V	Published nominal value
Heater or filament current	2.2 A	Published nominal/aggregate value

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