



ELECTRONIC TUBE REFERENCE

TMA410

Specialized - Cathode Ray electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
CATHODERAY

Dual-function electronic storage or scan-converter tube with separate writing and reading processes. Charge patterns are stored on an internal target and subsequently read in the same or a converted scanning format.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 150 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Cathode Ray*No fixed ratings recorded.*

The TMA410 is a dual-gun scan-converter storage tube for electrical signal storage, simultaneous writing/reading, adjustable storage time, and fast erasure.

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
Heater Voltage	6.3 V	—
Heater Current per Gun	150 mA	—
Output Capacitance	12 pF	—
Resolution	~1600 TV lines	—
Storage Time	adjustable	—
Fast Erasing Time	7 frames	—
Writing Cathode Voltage	-8000 V	—
Reading Cathode Voltage	-1500 V	—

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and their source documents.

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