ELECTRONIC TUBE REFERENCE

TMA408

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 / 600 mA	**PARALLEL HEATER**	– / –
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Cathode Ray

No fixed ratings recorded.

The TMA408 is a dual-gun scan-converter storage tube for electrical signal storage, simultaneous writing/reading, adjustable storage time, and fast erasure.

SOURCE OPERATING CONDITIONS

1972 Thomson CSF

SOURCE PDF

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	**600 mA**	—
Output Capacitance	**15 pF**	—
Resolution	**150 PPI range rings**	—
Storage Time	**0.5-20 s**	—
Fast Erasing Time	**2 s**	—
Writing Cathode Voltage	**-7000 V**	—
Reading Cathode Voltage	**-1560 V**	—

Tube Tinker

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

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