

ELECTRONIC TUBE REFERENCE

TH9463

Specialized - Photo Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

IMAGECONVERTERINTENSIFIER

Thomson-CSF electronic-zoom low-light image intensifier with adjustable magnification and approximately 18-22 cm input fields. Designed for intensified optical imaging rather than X-ray conversion.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1	ImageConverterIntensifier
No fixed ratings recorded. Electron-optical image-intensifier structure; specialized photocathode/focus/screen values retained as parameters.	

The Thomson-CSF TH9463 is a electronic-zoom low-light image intensifier with adjustable magnification and 18-22 cm input fields.

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 · ImageConverterIntensifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum photocathode-to-screen/anode voltage	28 kV	—
Maximum photocathode current	0.5 uA	—
Maximum g1 voltage	0.3 kV	—
Maximum g2 voltage	2 kV	—
Maximum g3 voltage	5 kV	—
Maximum g4 current	10 uA	—
Maximum anode current	2 uA	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Input field diameter	18–22 cm	—
Magnification	0.09090909090909091–0.11111111111111111 x	—