



ELECTRONIC TUBE REFERENCE

TH9801

Specialized - Photo Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

CAMERAPICKUP

Vidicon television camera pickup tube designed for professional, industrial, broadcast, telecine, radiological, or military imaging service.

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

SECTION 1 CameraPickup

No fixed ratings recorded.

Composite/image-pickup electron-optical section; camera-specific voltages and performance retained in parameters.

The Thomson-CSF TH9801 is a one-inch vidicon camera tube with magnetic focus/deflection and high resolution.

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 · CameraPickup

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum post-acceleration g4 voltage	1000 V	—
Maximum wall g3 voltage	1000 V	—
Maximum accelerator g2 voltage	350 V	—
Maximum g1 negative bias magnitude	300 V	—
Maximum target voltage	125 V	—
Maximum dark current	0.2 uA	—
Maximum peak target current	0.6 uA	—
Maximum faceplate illumination	10000 lux	—
Maximum faceplate temperature	70 C	—
Horizontal scanned area	12.7 mm	—
Vertical scanned area	9.5 mm	—
Resolution	850 TV lines	—