

Thomson-CSF storage tube designed for electronic recording, retention, and readout of electrical information. Family variants emphasize transient capture, high-resolution storage, scan conversion, rugged miniature operation, or bright direct viewing.

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 Cathode Ray
No fixed ratings recorded.
Published ratings/characteristics audited; detailed numeric data retained in parameter table.

The TH8802 is a dual-gun electrostatic recording storage tube for capturing and storing extremely fast transient phenomena, with independent writing and readout scanning.

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

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Tension de chauffage [1]	-6 V	Tension de chauffage -6, 3
Tension de chauffage [2]	3 V	Tension de chauffage -6, 3
Courant de chauffage	450 A	Courant de chauffage 450
Tension de cathode [1]	-10 V	Tension de cathode —10 000
Tension de cathode [2]	0 V	Tension de cathode —10 000
Tension de grille de contrdle™ (au biocage) ([1]	2 V	Tension de grille de contrdle™ (au biocage) (2) —50 a —150
Tension de grille de contrdle™ (au biocage) ([2]	-50 V	Tension de grille de contrdle™ (au biocage) (2) —50 a —150
Tension de grille de contrdle™ (au biocage) ([3]	-150 V	Tension de grille de contrdle™ (au biocage) (2) —50 a —150
Tension de grille *n° [1]	2 V	Tension de grille *n° 2 +150
Tension de grille *n° [2]	150 V	Tension de grille *n° 2 +150
Tension de concentration™ ([1]	2 V	Tension de concentration™ (2) +3000 a +3500
Tension de concentration™ ([2]	3000 V	Tension de concentration™ (2) +3000 a +3500
Tension de concentration™ ([3]	3500 V	Tension de concentration™ (2) +3000 a +3500
Tension de cathode	-1500 V	Tension de cathode —1500
Tension de grille de contrdle * (au blocage) ([1]	2 V	Tension de grille de contrdle * (au blocage) (2) ~30 a —120
Tension de grille de contrdle * (au blocage) ([2]	30 V	Tension de grille de contrdle * (au blocage) (2) ~30 a —120

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Tension de grille de contrdle * (au blocage) ([3]	-120 V	Tension de grille de contrdle * (au blocage) (2) ~30 a —120
Tension de concentration * { [1]	2 V	Tension de concentration * {2) +200 200
Tension de concentration * { [2]	200 V	Tension de concentration * {2) +200 200
Tension de concentration * { [3]	200 V	Tension de concentration * {2) +200 200
(	1 V	(1) - Toutes les tensions sont données par rapport au potentiel de cible, sauf celles marquées d'un
Published value [1]	50	50, 8= Plaque verticale Anode Cible Collecteur =50,
Published value [2]	8	50, 8= Plaque verticale Anode Cible Collecteur =50,
Published value [3]	50	50, 8= Plaque verticale Anode Cible Collecteur =50,
" [1]	7	" 7 - Cathode " 7 - Cathode
" [2]	7	" 7 - Cathode " 7 - Cathode
Cotes en mm. " [1]	14	Cotes en mm. " 14 - Non connecté " 14 - Anode
Cotes en mm. " [2]	14	Cotes en mm. " 14 - Non connecté " 14 - Anode