



ELECTRONIC TUBE REFERENCE

TH360

Power - Tetrode (NOT beam) (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL
DATA

1 SECTION
CONSTRUCTION
TETRODE

Forced-air-cooled ceramic-metal transmitting tetrode designed for both audio-frequency and radio-frequency power service. Its professional construction supports substantial output across a broad frequency range.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6 V / 125 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Tetrode	
MAXIMUM PLATE VOLTAGE	8000 V
MAXIMUM SCREEN VOLTAGE	800 V
MAXIMUM PLATE DISSIPATION	12000 W
MAXIMUM SCREEN DISSIPATION	150 W
MAXIMUM GRID DISSIPATION	50 W
MAXIMUM CATHODE CURRENT	6 A

Forced-air-cooled ceramic-metal transmitting tetrode for AF and RF power service.

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 · Tetrode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Operating Frequency	200 MHz	—
Maximum Anode Voltage	8000 V	—
Maximum Anode Dissipation	12000 W	—
Maximum Screen/Grid 2 Voltage	800 V	—
Maximum Screen/Grid 2 Dissipation	150 W	—
Maximum Grid Dissipation	50 W	—
Maximum/Peak Cathode Current	6 A	—
Typical RF Output Power	12 kW	—
Driving Power	50 W	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/Filament Voltage	6 V	—
Heater/Filament Current	125 A	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-Cathode Capacitance	published pF	—
Grid-Anode Capacitance	published pF	—