ELECTRONIC TUBE REFERENCE

8408

Voltage - Dual Tetrode electronic tube

CONSOLIDATED TECHNICAL DATA
2 SECTIONS
CONSTRUCTION
TETRODE-TETRODE

> Quick-heating internally neutralized twin tetrode designed for RF power amplification and frequency multiplication in mobile or fixed equipment to approximately 500 MHz.

General characteristics

BASE DESIGNATION	–	**BASE PINS**	9
NOMINAL HEATER	11 V / 3.1 A	**PARALLEL HEATER**	– / –
HEATING	Direct	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Tetrode

TRANSCONDUCTANCE	0.007 S
AMPLIFICATION FACTOR	26
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM SCREEN VOLTAGE	200 V
MAXIMUM PLATE DISSIPATION	4 W
MAXIMUM SCREEN DISSIPATION	2.5 W
MAXIMUM CATHODE CURRENT	45 mA

Representative row for two electrically identical tetrode sections.

SECTION2 Tetrode

TRANSCONDUCTANCE	0.007 S
AMPLIFICATION FACTOR	26
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM SCREEN VOLTAGE	200 V
MAXIMUM PLATE DISSIPATION	4 W
MAXIMUM SCREEN DISSIPATION	2.5 W
MAXIMUM CATHODE CURRENT	45 mA

Second physical tetrode section; electrically identical twin section.

The Telefunken 8408 is a quick-heating, internally neutralized twin tetrode for RF power amplification and frequency multiplication in mobile or fixed equipment.

SOURCE OPERATING CONDITIONS

1959 Telefunken

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1959 TELEFUNKEN

Section 1 · Tetrode

CHARACTERISTICS		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Heater Voltage	**11 V**	—
Heater Current	**3.1 A**	—
Heater Warmup Time	**0.5 s**	Maximum
Maximum Intended Frequency	**500 MHz**	—
Transconductance	**7000 uS**	Each section

Tube Tinker

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

Catalog Tube types Full books Blog Feedback & corrections

© 2026 Tube Tinker