



ELECTRONIC TUBE REFERENCE

RS2794

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

CONSOLIDATED TECHNICAL
DATA

1 SECTION
CONSTRUCTION
TETRODE

Transmitting power tetrode designed for RF amplification, communications, industrial RF generation, oscillation, modulation, or frequency multiplication.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	7.5 V / 75 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Tetrode	
TRANSCONDUCTANCE	0.036 S
MAXIMUM PLATE VOLTAGE	8000 V
MAXIMUM SCREEN VOLTAGE	1500 V
MAXIMUM PLATE DISSIPATION	12000 W

High-power metal-ceramic transmitter tetrode with published RF operating and maximum-rating data.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Siemens

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

1963 SIEMENS

Section 1 · Tetrode

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	36 mA/V	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum anode voltage	8 kV	—

TUBE TINKER

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and their source documents.

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