

ELECTRONIC TUBE REFERENCE

SRS4451

Power - Tetrode (NOT beam) electronic tube

CONSOLIDATED TECHNICAL DATA
2 SECTIONS
CONSTRUCTION
TETRODE-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	12.6 V / 1.8 A	PARALLEL HEATER	6.3 V / 1.8 A
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Tetrode	
TRANSCONDUCTANCE	0.0045 S
MAXIMUM PLATE VOLTAGE	500 V
MAXIMUM SCREEN VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	20 W
MAXIMUM SCREEN DISSIPATION	7 W
MAXIMUM GRID DISSIPATION	7 W
MAXIMUM CATHODE CURRENT	120 mA
Promoted ratings/characteristics are source-published values; additional published values and operating examples are preserved in the parameter table.	

SECTION2 Tetrode	
No fixed ratings recorded.	

Radiation-cooled dual transmitting tetrode for RF and audio amplification, oscillation, multiplication and modulation.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1953 RFT Rundfunk Technik

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

1953 RFT RUNDFUNK TECHNIK

Section 1 · Tetrode

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
RFOutputPower	90 W	PushPull;200 MHz

APPLICATION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	RFPower text	—

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and their source documents.

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