



ELECTRONIC TUBE REFERENCE

SRL462

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	10 V / 200 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Tetrode	
TRANSCONDUCTANCE	0.065 S
MAXIMUM PLATE VOLTAGE	12000 V
MAXIMUM SCREEN VOLTAGE	1400 V
MAXIMUM PLATE DISSIPATION	25000 W
MAXIMUM SCREEN DISSIPATION	600 W
MAXIMUM GRID DISSIPATION	300 W
MAXIMUM CATHODE CURRENT	70 A
<i>Published ratings and characteristics promoted where clearly stated.</i>	

Air-cooled directly heated high-power metal-ceramic transmitting tetrode for linear RF, oscillator and frequency-multiplier service.

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	55 kW	Carrier power, modulated service

APPLICATION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	RFPower text	—

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