



ELECTRONIC TUBE REFERENCE

50RS20

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

CONSOLIDATED TECHNICAL
DATA

1 SECTION
CONSTRUCTION
TETRODE

Pulse tetrode with substantial anode dissipation for high-voltage pulse operation and magnetron power supplies. Its construction emphasizes pulsed power rather than ordinary continuous amplification.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	25 V / 2.85 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Tetrode	
MAXIMUM PLATE VOLTAGE	1500 V
MAXIMUM SCREEN VOLTAGE	1200 V
MAXIMUM PLATE DISSIPATION	60 W
<i>Published ratings/characteristics promoted from the approved source.</i>	

Pulse tetrode with 60 W anode dissipation intended for pulse operation and magnetron power supplies.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X Tesla

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

195X TESLA

Section 1 · Tetrode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterVoltageNominal	25 V	Nominal
HeaterCurrentNominal	2.85 A	Nominal
Maximum Plate Voltage	1500 V	—
Maximum Screen Voltage	1200 V	—
Maximum Plate Dissipation	60 W	—

TUBE TINKER

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and their source documents.

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