



ELECTRONIC TUBE REFERENCE

RD20XF

Power - Triode (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Forced-air-cooled directly heated Tesla transmitting triode for low- and high-frequency power amplification and oscillator service. Approximately 20 kW plate dissipation and 15 kV capability support major professional RF systems.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION 1 Triode	
MAXIMUM PLATE VOLTAGE	15000 V
MAXIMUM PLATE DISSIPATION	20000 W
<i>Promoted fields populated from published maximum-ratings/characteristic tables where OCR semantics were unambiguous.</i>	

Forced-air-cooled directly heated transmitting triode with 20 kW anode dissipation for low- or high-frequency power amplification and oscillation up to 30 MHz.



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 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	19–21 V	Published range
Heater Current	220 A–240 A	Published range
Maximum Plate Voltage	15000 V	Highest published maximum rating
Maximum Plate Dissipation	20000 W	—
Maximum Frequency	30 MHz	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1966 Tesla Tubes

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

1966 TESLA TUBES

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	19–21 V	—
Heater current	220 A–240 A	—
Cooling water flow	500 L/min	Cooling

TUBE TINKER

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

