



ELECTRONIC TUBE REFERENCE

RD2XG

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Air-cooled Tesla shortwave triode designed especially as an oscillator or RF power amplifier in industrial high-frequency generators. Its 2 kW anode dissipation supports operation to roughly 150 MHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	12 V / 50 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
AMPLIFICATION FACTOR	20
MAXIMUM PLATE DISSIPATION	2000 W
<i>Promoted fields populated from published maximum-ratings/characteristic tables where OCR semantics were unambiguous.</i>	

The TESLA RD2XG tube is an air-cooled Die TESLA-Rohre RD2XG ist eine luftge- short-wave triode of 2 kW anode dissipa- kühlte Kurzwellentriode mit 2 kW Anoden- tion, intended especially for application as verlustleistung, die speziell zur Verwendung an oscillator of RF power amplifier in indus- in industriellen HF-Generatoren als Oszil- trial RF generators where it operates at lator oder HF-Kraftverstärker bestimmt ist, frequencies up to 150 Mc/s. wo sie bei Frequenzen bis zu 150 MHz arbeitet.



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

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	12 V	Nominal or midpoint of published heater range
Heater current	50 A	Nominal or midpoint of published heater range

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum anode dissipation	2000 W	Published tube rating

CAPACITANCE

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Interelectrode capacitance Cg/k	12 pF	Published source value



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	12 V	—
Heater current	45 A–55 A	—

TUBE TINKER

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