



ELECTRONIC TUBE REFERENCE

RD300S

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Power transmitting triode intended for RF amplification, oscillation, or related professional service. Manufacturer documentation emphasizes radio-frequency operation, useful power output, and transmitter or industrial applications.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	5 V / 14 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.006 S
AMPLIFICATION FACTOR	24
MAXIMUM PLATE DISSIPATION	300 W
Promoted fields populated from published maximum-ratings/characteristic tables where OCR semantics were unambiguous.	

The TESLA RD300S tube is a directly heat- DIE TESLA-Rohre RD300S ist eine direkt ed triode of 300 W anode dissipation, in- geheizte Triode mit 300 W Anodenverlust- tended for use as an RF power amplifier leistung, bestimmt zur Verwendung als or oscillator at frequencies up to 200 Mc/s, Hochfrequenz- Leistungsverstärker oder Os- or as an AF amplifier. zillator für Frequenzen bis zu 200 MHz, ge- gebenfalls auch als Niederfrequenzver- stärker.



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	5 V	Nominal or midpoint of published heater range
Heater current	14 A	Nominal or midpoint of published heater range

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum anode dissipation	300 W	Published tube rating

CAPACITANCE

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Interelectrode capacitance Ca/k	0.2 pF	Published source value
Interelectrode capacitance Cajgl	5.8 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	5 V	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater current	14 A	—

TUBE TINKER

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