



ELECTRONIC TUBE REFERENCE

RD27AS

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Directly heated Tesla power triode for Class C RF amplification, oscillator service, and AF power amplification. With about 27 W anode dissipation, it provides modest transmitting power to roughly 25 MHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	4 V / 2.15 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
AMPLIFICATION FACTOR	9.5
MAXIMUM PLATE DISSIPATION	27 W
<i>Promoted fields populated from published maximum-ratings/characteristic tables where OCR semantics were unambiguous.</i>	

The TESLA RD27AS tube is a directly heat- Die TESLA-Rohre RD27AS ist eine direkt ed triode of 27 W anode dissipation, in- geheizte Triode mit 27 W Anodenverlust- tended for application as a class C power leistung, bestimmt zur Verwendung als amplifier or as an oscillator at frequencies Klasse-C- Leistungsverstärker oder Oszil- up to 25 mc/s, or as an AF power amplifier. lator für Frequenzen bis zu 25 MHz, gege- benenfalls auch als Niederfrequenz-Lei- stungsverstärker.



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	4 V	Nominal or midpoint of published heater range
Heater current	2.15 A	Nominal or midpoint of published heater range

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum anode dissipation	27 W	Published tube rating

CAPACITANCE

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Interelectrode capacitance C _{g1k}	9 pF	Published source value
Interelectrode capacitance C _{/k}	3.5 pF	Published source value
Interelectrode capacitance C _{a/g1}	6 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

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	4 V	—
Heater current	2 A–2.3 A	—

TUBE TINKER

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