



ELECTRONIC TUBE REFERENCE

5891

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

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Forced-air-cooled high-power transmitting triode for oscillator, modulator, RF-amplifier, and audio-amplifier service. Rated for 25 kW plate dissipation and 15 kV plate voltage; a pair can deliver approximately 100 kW Class B output.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	11 V / 95 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
AMPLIFICATION FACTOR	36
MAXIMUM PLATE VOLTAGE	15000 V
MAXIMUM PLATE DISSIPATION	25000 W
MAXIMUM CATHODE CURRENT	50 A
<i>Published ratings and characteristics promoted from the approved Westinghouse/RMA source.</i>	

Forced-air-cooled high-power triode for oscillator, modulator, AF and RF amplifier service.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1947 Westinghouse

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

1947 WESTINGHOUSE

Section 1 · Triode

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Power Output	100 kW	ClassB;TwoTubes

APPLICATION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	AFModulator_RFPower_Oscillator text	—

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