



ELECTRONIC TUBE REFERENCE

7463

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

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

High-power directly heated triode; available source material does not establish a narrower functional application confidently.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6 V / 70 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
AMPLIFICATION FACTOR	33
MAXIMUM PLATE VOLTAGE	12000 V
MAXIMUM PLATE DISSIPATION	12000 W
MAXIMUM CATHODE CURRENT	2.5 A
<i>Published ratings and characteristics promoted where clearly applicable; additional source values retained as section parameters.</i>	

Forced-air-cooled high-vacuum transmitting triode for RF oscillator or amplifier service through 60 MHz.

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

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater or filament voltage	6 V	Published nominal/representative value
Heater or filament current	70 A	Published nominal/representative value
Amplification factor	33	Published

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum plate dissipation	12000 W	Published
Maximum operating frequency	60 MHz	Published
Maximum plate input	24 kW	Class-C telegraphy