



ELECTRONIC TUBE REFERENCE

3W10000A3

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

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Water-cooled 10 kW external-anode transmitting triode with bombardment-heated cathode.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	7 V / 15 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 0 Triode	
TRANSCONDUCTANCE	0.055 S
AMPLIFICATION FACTOR	20
MAXIMUM PLATE DISSIPATION	10000 W
<i>Water cooled external anode; 1550 V, 1.6 A bombardment cathode heating; filament 7 V, 15 A running, 8 V 25 A starting; up to 250 MHz.</i>	



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1950 Eimac Tubes

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

1950 EIMAC TUBES

Section 0 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	3000 V	Transconductance test operating plate voltage

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/filament voltage	7 V	Filament operating voltage
Heater/filament current	15 A	Filament operating current