

ELECTRONIC TUBE REFERENCE

T200

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

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

High-power Taylor transmitting triode for RF transmitters and diathermy equipment. Rated around 200 W plate dissipation and 2.5 kV, it was promoted as a substantial amateur and professional RF power tube.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	4
NOMINAL HEATER	10 V / 4 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	3400 Ω
TRANSCONDUCTANCE	0.0048 S
AMPLIFICATION FACTOR	16.6
MAXIMUM PLATE VOLTAGE	2500 V
MAXIMUM PLATE DISSIPATION	200 W
Published maximum ratings and characteristics promoted from the approved datasheet; mode-specific values preserved as parameters.	

High-power transmitting triode known as the 'Amateur's Power House Tube,' used for RF transmitters and diathermy equipment.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

193X Taylor Transmitting

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

193X TAYLOR TRANSMITTING

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament Current	4 A	Nominal published value
Maximum Operating Plate Voltage	2500 V	Class C oscillator / RF power-amplifier service where published
Maximum Plate Dissipation	200 W	Published maximum rating
Plate to Filament, mmf	3 pF	Published direct interelectrode capacitance
Filament Voltage Range	10–11 V	Published filament-voltage range

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Resistance	3400 ohm	Published general characteristic
Mutual Conductance	4800 μ S	Published general characteristic
Amplification Factor	16.6	Published general characteristic



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1940 Taylor Tubes

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

1940 TAYLOR TUBES

Section 1 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-plate capacitance	7.9 pF	Published general characteristics

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-filament capacitance	9.5 pF	Published general characteristics
Plate-filament capacitance	1.8 pF	Published general characteristics

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