



ELECTRONIC TUBE REFERENCE

203B

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Taylor transmitting power triode closely related to the 203-Z, but with amplification factor about 25 and the plate lead brought through the base. Published ratings cover Class C oscillator and RF power-amplifier service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	4
NOMINAL HEATER	10 V / 3.85 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	6000 Ω
TRANSCONDUCTANCE	0.0048 S
AMPLIFICATION FACTOR	25
MAXIMUM PLATE VOLTAGE	1000 V
MAXIMUM PLATE DISSIPATION	50 W
<i>Published maximum ratings and characteristics promoted from the approved datasheet; mode-specific values preserved as parameters.</i>	

Taylor 203-B has the same characteristics as the 203-Z except for an amplification factor of 25, with the plate lead brought through the base.

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 Voltage	10 V	Nominal published value
Filament Current	3.85 A	Nominal published value
Maximum Operating Plate Voltage	1000 V	Class C oscillator / RF power-amplifier service where published
Maximum Plate Dissipation	50 W	Published maximum rating
Grid to Filament, mmf	6 pF	Published direct interelectrode capacitance
Plate to Filament, mmf	5 pF	Published direct interelectrode capacitance

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Resistance	6000 ohm	Published general characteristic
Mutual Conductance	4800 μ S	Published general characteristic
Amplification Factor	25	Published general characteristic