



ELECTRONIC TUBE REFERENCE

293A

Power - Pentode Single (NOT beam) (under 10W) electronic tube

CONSOLIDATED TECHNICAL
DATA

1 SECTION
CONSTRUCTION
PENTODE

Power/output pentode designed for Class-A, single-ended, or push-pull audio-frequency output amplification.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	6
NOMINAL HEATER	10 V / 320 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Pentode	
PLATE RESISTANCE	100000 Ω
TRANSCONDUCTANCE	0.001175 S
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM SCREEN VOLTAGE	200 V
MAXIMUM PLATE DISSIPATION	5 W
MAXIMUM SCREEN DISSIPATION	1 W
MAXIMUM CATHODE CURRENT	30 mA
MAXIMUM HEATER-CATHODE VOLTAGE	150 V
<i>Typical characteristics use 180 V Class-A column.</i>	

Suppressor-grid power pentode designed for Class A audio-frequency power amplification.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

2026 Western Electric 200s

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

2026 WESTERN ELECTRIC 200S

Section 1 · Pentode

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid to Plate Capacitance	0.66 pF	—
Input Capacitance	6.2 pF	—
Output Capacitance	6.5 pF	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	180 V	ClassA
Screen Grid Voltage	180 V	ClassA
Control Grid Voltage	-18 V	ClassA
Zero Signal Plate Current	15.8 mA	ClassA
Maximum Signal Plate Current	17 mA	ClassA
Load Resistance	11500 ohm	ClassA
Maximum Signal Power Output	1.3 W	ClassA