



ELECTRONIC TUBE REFERENCE

264B

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Small directly heated Western Electric audio triode designed for low microphonic noise and high input resistance, with silver-plated contacts to minimize contact noise.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	5
NOMINAL HEATER	1.5 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	12400 Ω
TRANSCONDUCTANCE	0.00058 S
AMPLIFICATION FACTOR	7.2
MAXIMUM PLATE VOLTAGE	100 V
<i>Representative operating point: 100 V plate, -8 V grid, 2.10 mA. 100 V maximum plate voltage is explicitly published in earlier sheet within PDF.</i>	

Small filamentary triode for audio-frequency amplification where low microphonic noise and high input resistance are important. Silver-plated base contacts are used to minimize contact noise.

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 · Triode

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid To Plate Capacitance	5.3 pF	—
Grid To Filament Capacitance	3.5 pF	—
Plate To Filament Capacitance	2.2 pF	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Current	2.1 mA	PlateVoltage=100V;GridBias=-8V
MicrophonicNoiseOutput	-43 dB re 1V	PlateVoltage=100V;GridBias=-8V;Load=100kohm