



ELECTRONIC TUBE REFERENCE

3B252B

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Power triode intended for audio-frequency and radio-frequency service. Low plate resistance, moderate amplification factor, 25 W plate dissipation, and 600 V plate capability provide useful current capacity for driver, output, and transmitter stages.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	5
NOMINAL HEATER	6 V / 1.4 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	1670 Ω
AMPLIFICATION FACTOR	15
MAXIMUM PLATE VOLTAGE	600 V
MAXIMUM PLATE DISSIPATION	25 W
MAXIMUM CATHODE CURRENT	170 mA
<i>Published triode ratings/characteristics promoted from the approved datasheet.</i>	

Power triode for audio and radio-frequency service.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1946 Standard Telephone and Cables

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

1946 STANDARD TELEPHONE AND CABLES

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-anode capacitance	8 pF	Direct inter-electrode capacitance
Grid-cathode capacitance	4 pF	Direct inter-electrode capacitance
Anode-cathode capacitance	10 pF	Direct inter-electrode capacitance



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1947 Standard Valves

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

1947 STANDARD VALVES

Section 1 · Triode

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-anode capacitance	8 pF	—
Grid-cathode/filament capacitance	4 pF	—
Anode-cathode/filament capacitance	10 pF	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum frequency for published rating	45 MHz	—
Maximum direct grid current	30 mA	—

TUBE TINKER

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and their source documents.

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