



ELECTRONIC TUBE REFERENCE

4033L

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Cross-designation and replacement form of the 3B252B power triode for audio and RF service. Its low plate resistance, moderate amplification factor, 25 W plate dissipation, and 600 V rating suit 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
TRANSCONDUCTANCE	0.009 S
AMPLIFICATION FACTOR	15
MAXIMUM PLATE VOLTAGE	600 V
MAXIMUM PLATE DISSIPATION	25 W

4033L printed cross-designation/replacement designation for 3B252B. Power triode for audio and radio-frequency service.



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

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
GridToAnodeCapacitance	8 pF	—
Grid To Cathode Capacitance	4 pF	—
Anode To Cathode Capacitance	10 pF	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
MaximumDirectAnodeCurrent	170 mA	—
MaximumDirectGridCurrent	30 mA	—

TUBE TINKER

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and their source documents.

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