



ELECTRONIC TUBE REFERENCE

4043A

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Directly heated power triode for Class B audio or modulator service and RF operation. Its low plate resistance, 35 W plate dissipation, and 600 V plate capability support substantial power stages; later C/D versions improved grid behavior.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	4
NOMINAL HEATER	7.5 V / 1.2 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	3500 Ω
AMPLIFICATION FACTOR	8
MAXIMUM PLATE VOLTAGE	600 V
MAXIMUM PLATE DISSIPATION	35 W
MAXIMUM CATHODE CURRENT	110 mA
<i>Published ratings/characteristics promoted; remaining useful source values represented as parameters.</i>	

Directly heated triode for Class B audio/modulator and RF service. This earlier version is marked for replacement purposes and is replaced by 4043-C/-D.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1937 Standard Valves

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

1937 STANDARD VALVES

Section 1 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-anode capacitance	13.3 pF	—
Anode-filament capacitance	4.8 pF	—
Grid-filament capacitance	7 pF	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum direct anode current	110 mA	—
Maximum direct grid current	30 mA	—
Maximum frequency at full ratings	2 MHz	—
Maximum anode voltage at 10 MHz	500 V	Frequency=10MHz
Direct anode voltage	600 V	ClassB;AF;TwoTubes
Load resistance anode-to-anode	6000 ohm	ClassB;AF;TwoTubes
Maximum output	60 W	ClassB;AF;TwoTubes

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

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/filament voltage	7.5 V	—
Heater/filament current	1.2 A	—
Plate resistance	3500 ohm	—
Amplification factor	8	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum direct anode voltage	600 V	—
Maximum anode dissipation	35 W	—
Maximum cathode/anode current	110 mA	—

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes, and their source documents.

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