



ELECTRONIC TUBE REFERENCE

4062A

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

High-mu ceramic-metal pencil triode for high-power pulsed RF service into the microwave region. Published pulse operation can produce roughly 600 W useful output from a compact structure with only about 10 W continuous plate dissipation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	12 V / 1.85 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	6250 Ω
TRANSCONDUCTANCE	0.016 S
AMPLIFICATION FACTOR	100
MAXIMUM PLATE VOLTAGE	2000 V
MAXIMUM PLATE DISSIPATION	10 W
MAXIMUM GRID DISSIPATION	1.5 W
MAXIMUM CATHODE CURRENT	123 mA
Published ratings and characteristics promoted from approved datasheet.	

High-mu ceramic-metal pencil triode for high-power pulsed RF service to several GHz.



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	13 pF	Published capacitance
Anode-filament capacitance	5.3 pF	Published capacitance
Grid-filament capacitance	6 pF	Published capacitance



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1971 RCA HB3 Binder 6 of 7

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

1971 RCA HB3 BINDER 6 OF 7

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/filament voltage	6.3 V	—
Heater/filament current	300 mA	—
Maximum plate voltage	2000 V	—
Maximum plate dissipation	10 W	—
Typical pulsed plate voltage	1400 V	PulseRF
Useful power output	600 W	PulseRF
Peak heater-cathode voltage	60 V	BothPolarities

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Amplification factor	100	—
Transconductance	16000 uS	—
Plate resistance	6250 ohm	DerivedFromPublishedMuAndGm

TUBE TINKER

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

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker