



ELECTRONIC TUBE REFERENCE

6263

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Compact medium-mu transmitting triode designed for mobile and aircraft RF power-amplifier and oscillator service. Its 13 W plate-dissipation rating and 400 V plate capability suit relatively low-power airborne and mobile transmitters.

GENERAL CHARACTERISTICS

BASE DESIGNATION	Pencil	BASE PINS	—
NOMINAL HEATER	6 V / 280 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.0084 S
AMPLIFICATION FACTOR	27
MAXIMUM PLATE VOLTAGE	400 V
MAXIMUM PLATE DISSIPATION	13 W
MAXIMUM CATHODE CURRENT	85 mA
<i>Published ratings and characteristics promoted from the approved RCA source.</i>	

Medium-mu transmitting triode for mobile and aircraft RF power-amplifier and oscillator service.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1940 RCA

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

1940 RCA

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Frequency Full Ratings	500 MHz	—
RFPowerOutput	10 W	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1956 RCA Transmitting Tubes

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

1956 RCA TRANSMITTING TUBES

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterOrFilamentVoltage	6 V	—
HeaterOrFilamentCurrent	280 mA	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
MaximumOperatingFrequency	1700 MHz	—



1960 RCA Industrial and Communications Types

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

1960 RCA INDUSTRIAL AND COMMUNICATIONS TYPES

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	6 V	—
Heater Current	280 mA	—
OperationalAltitude	60000 ft	WithoutPressurizedChamber

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
MaximumOperatingFrequency	1700 MHz	—



SOURCE DATA APPENDIX

1999 Philips 0-D

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

1999 PHILIPS 0-D

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode current	27 mA	Typical at 200 V
Grid capacitance	2.9 pF	Unshielded
Anode-grid capacitance	1.7 pF	Unshielded
Maximum frequency full ratings	500 MHz	Full ratings
Maximum frequency reduced ratings	1700 MHz	Reduced ratings

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